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Chaapel's Seeds

GARDEN
FARM and
DAIRY SUPPLIES

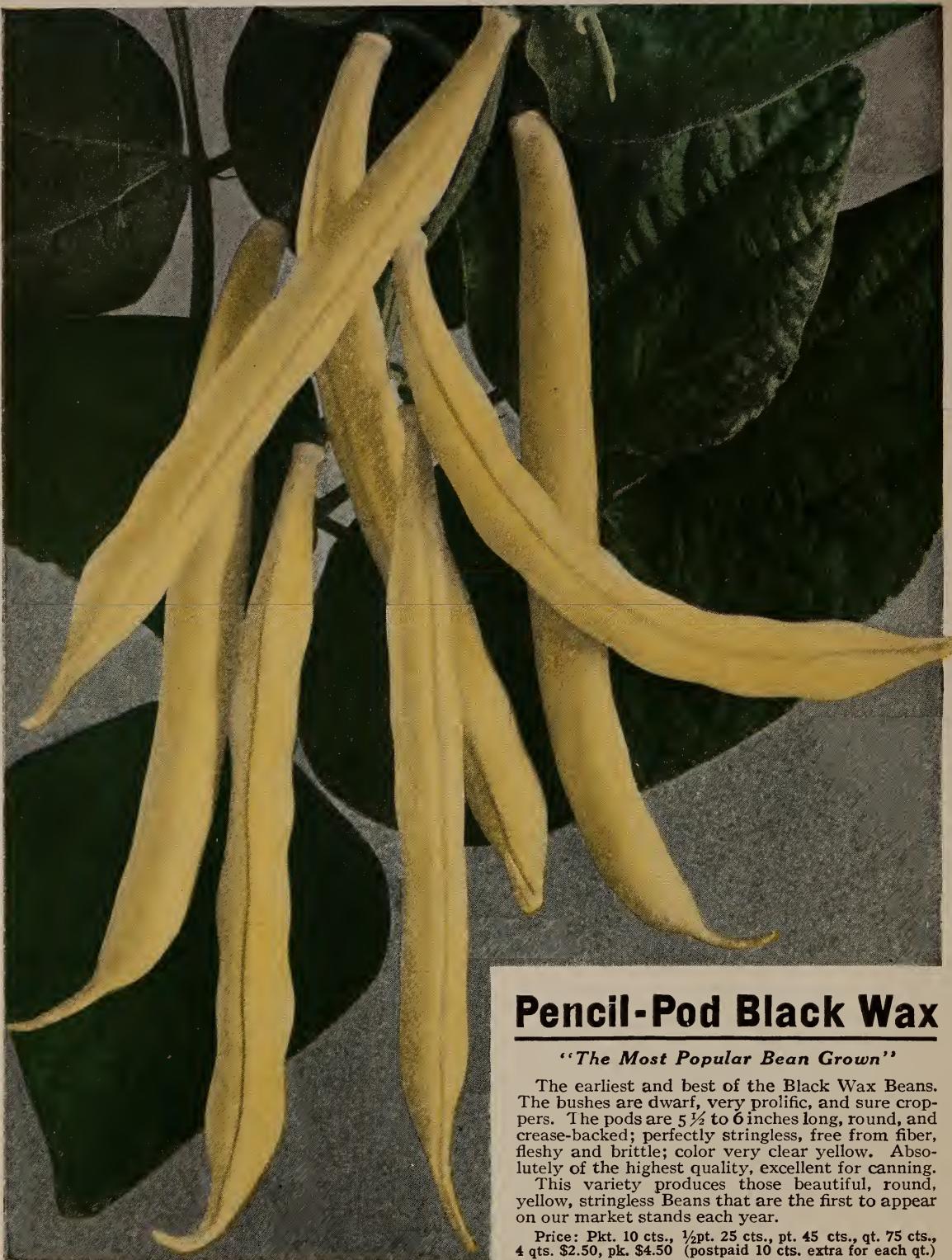
FARM TOOLS
FERTILIZERS

COMPLETE CATALOGUE OF
BEE SUPPLIES ON REQUEST



KEEP THE HOME GARDENS GROWING

CHAAPEL'S SEED STORE
39 EAST THIRD STREET
WILLIAMSPORT, PA.



Pencil-Pod Black Wax

"The Most Popular Bean Grown"

The earliest and best of the Black Wax Beans. The bushes are dwarf, very prolific, and sure cropers. The pods are $5\frac{1}{2}$ to 6 inches long, round, and crease-backed; perfectly stringless, free from fiber, fleshy and brittle; color very clear yellow. Absolutely of the highest quality, excellent for canning.

This variety produces those beautiful, round, yellow, stringless Beans that are the first to appear on our market stands each year.

Price: Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50 (postpaid 10 cts. extra for each qt.)

A Basket Collection of Vegetables for the Home-Garden

SHOWN IN COLORS ON FRONT COVER

1 pkt. Beet , Detroit Dark Red... \$0 05	1 pkt. Eggplant , Black Beauty... \$0 10	1 pkt. Radish , White Icicle..... \$0 05
1 pkt. Bean , Golden Wax..... 10	1 pkt. Lettuce , Big Boston..... 05	1 pkt. Radish , Sparkler White-Tip.. 05
1 pkt. Carrot , Danvers Half-Long... 05	1 pkt. Onion , White Silverskin... 05	1 pkt. Squash , Golden Crookneck... 05
1 pkt. Cucumber , Early Fortune... 05	1 pkt. Parsley , Moss Curled..... 05	1 pkt. Tomato , Bonny Best..... 05
1 pkt. Cabbage , Early Winnigstadt.. 05	1 pkt. Pepper , Ruby King..... 10	Total..... \$0 85

A very desirable list suitable for the average home-garden—14 packets, valued at 85 cents, for only 60 cents, postpaid.

These are regular, full-size packets, filled with our **Own Bulk Seeds** and bound to give you lots of satisfaction. No change can be made in this collection, as they are put up before the busy season begins.



Here is a collection of vegetables suitable for the home-garden. Pick them out yourself, or we will select for you the most popular and reliable sorts. 5-cent or 10-cent packs, as desired; 60 cents' worth for 50 cents; \$1.25 worth for \$1.

Quality · Service · Progress

Reliability is the greatest asset in business, but particularly so in the seed business, which is based strictly on confidence. Our business has attained its present high standard by strict attention to "Quality" and "Service." By "Progress" we aim to keep abreast of the times by maintaining the "Quality" and "Service" secured by forty-seven years of earnest endeavor in our special line of work.

Our little book of former years has outgrown its mission as a simple catalogue of seeds and is bound to grow still more as the years go by. In this issue you will find additional pages, and our customers seem to like our new departments for Bee-Keepers and Dairy Supplies, International Harvester Co.'s repairs, Fruit and Berry Baskets, and kindred lines. Look over our Poultry Department pages.

All of these departments are working out very nicely. Look over each page carefully, so you do not miss some of the good things we offer and that you need.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

**HARRY CHAAPEL
P. A. McGOWAN**

CHAAPEL'S SEED STORE

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Suggestions About Ordering

Importance of Ordering Early, before the rush season begins. We can give you better service then, for our stocks will be complete. Later in the season it is often impossible to give each order as careful attention as we would like. Being sold out of some varieties entails correspondence and delays, so on receipt of this catalogue make out your order and mail it to us immediately and avoid disappointments later.

MAKING OUT ORDERS. Please be careful. Several orders came in last season with no name or address on them. Always give your **Name, Post Office, County, State, and Express or Freight Office.** Ladies, please use prefix Miss or Mrs.

SHALL WE SUBSTITUTE? We do not substitute unless instructed to do so, except in the case of small quantities where we know the purchaser would prefer to have some other equally good or better kind, rather than none at all.

WE MAKE NO CHARGE for packing-cases, boxes, or barrels. We charge for cloth bags only.

PRICE OF BAGS. Seamless 2-bus. bags, used in shipping farm seeds, etc., 65 cts. each; 1-bus. bags, 30 cts.; 1-pk. bags, 15 cts.; burlap sacks, 15 cts.

PRICES. The prices quoted in this catalogue are net, and not subject to discount. **All prices quoted in this catalogue are subject to change without notice.**

ABOUT SHIPPING. Freight movements are slow and uncertain. We earnestly advise that all

Terms. Our prices are based upon cash sales. To avoid delay in filling your order, please send remittance with the order, including postage for Parcel Post, and cost of bags when necessary. Any overpay will be returned to you promptly.

HOW TO SEND MONEY. Money is most conveniently and safely sent in the form of a postoffice money order, express money order, or check. We always accept personal checks as a convenience to our customers, if they have money in the bank. Small amounts may be sent in postage stamps; it is not safe to send silver.

YOU RUN NO RISK in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

shipments go by express or parcel post whenever possible. We guarantee safe delivery to the railroad and express companies. Our responsibility ceases when we take railroad or express signature.

SEEDS BY PARCEL POST. We will pay postage on all small seeds in packets, and in bulk up to $\frac{1}{4}$ pound, anywhere in the United States. **Within the first and second zones from Williamsport, add to your remittance for postage as follows:** 1-pound orders, 5 cts.; for each additional pound, 1 ct.; on Peas, Beans, and Corn, 10 cts. for each quart. For rates to other zones, inquire of your postmaster. **The necessary postage must be sent with the order.**

Customers living on R. F. D. routes and beyond express delivery, will aid us by stating: "Goods reach us by Parcel Post only," to avoid the mistake of sending by express.

On Parcel Post shipments we would advise our customers to add 5 cts. to their remittance to cover cost of insurance, otherwise no claim can be made if goods are lost.

2

The aim of this store is to be of real service to the public, and it has adopted as its slogan: "QUALITY AND SERVICE"

SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of Chaapel's Seeds and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Keeping in touch, as we must, with progress in the seed line, we are in a position to give our gardeners inside information that is of value to them. Early in the season we invite the market-gardeners to bring their orders to us and get our special quantity prices.

Every Home Its Vegetable-Garden

No Vegetables ever come to the home table like those gathered fresh from the home-garden

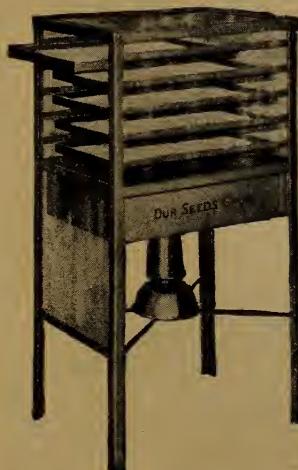
It's a common saying that a good garden furnishes one-half the food of a family. This is true or false, as we interpret the term "good garden." A real garden is supposed to supply fresh vegetables in abundance during the growing season, a surplus for canning purposes, so that the home may have all the good, wholesome, canned tomatoes, beans, peas, corn, asparagus, etc., that are used during the winter season, and an extra surplus for the market. A good garden supplies something for the table every day in the year.

A garden properly planted and intelligently cultivated is one of the greatest assets of the home and always contributes its full share toward the general welfare, health and prosperity of the home.

Every family on every farm should have a garden; the land owner who cultivates his own land should provide a garden for himself and family; the tenant who cultivates land that is not his own should be given a small piece of land and time enough to grow a garden on it.

It is not right that people who live in the country should depend on the groceries for either their fresh or canned vegetables. We live in a land of sunshine and have unbounded opportunities for gardening.

Make your neighbors "sit up and take notice."



The above is a picture of our Sho-Gro Seed Germinator. Call at our Seed Store and see it in operation.

TESTED SEEDS

It is only by painstaking methods that we can be sure of seed of good germination. To protect our customers against seed of poor quality, we test our seeds as soon as they arrive from our growers in the Sho-Gro Seed Germinator illustrated at the left. Seeds of good germination cannot be determined by their looks but must pass through a germinating test requiring careful, expert attention to assure accuracy.

"GUARANTEED SEEDS"

Upon being asked if he would guarantee his seeds to grow, an eminent seedsman said, "Yes, if I may select the soil, plant them myself, and govern the weather."

Seeds **MUST** be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.

BY TEST WE KNOW THAT THESE SEEDS ARE OF GOOD VITALITY.
To you is given to select and prepare the soil and to give the proper care. Providence alone governs the weather.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, the goods can be returned to us within ten days.

CHAAPEL'S SEED STORE



Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "How to Have a Better Lawn." Qt. 25 cts., 2 qts. 45 cts., 4 qts. 75 cts., pk. \$1.35, bus. (20 lbs.) \$5.

Chaapel's Shady Lawn Grass Seed

In most cases our American Lawn Grass Seed Mixture will meet all requirements for making a good lawn, but there are certain Grasses which thrive better where there is continuous shade. These we have combined in our Shady Lawn Mixture, which we recommend as the best that can be offered under any name or at any price.

Shaded locations are usually sour, mossy and impoverished. Lime will sweeten the soil; sheep manure, bone meal and nitrate of soda will make the Grass grow luxuriantly even in shady places. Sow one quart to 100 square feet—10 by 10 feet. Qt. 30 cts., 2 qts. 50 cts., 4 qts. 85 cts., pk. \$1.40, bus. (20 lbs.) \$5.50.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. Adding one-fourth pound to one quart of our Lawn Grass Seed will make a very desirable mixture. $\frac{1}{4}$ lb. 20 cts., lb. 75 cts.

FEED YOUR LAWN—MAKE THE GRASS GROW



Not many people who use our Lawn Seeds know that we do our own mixing from our own formulas, using only selected varieties of Grasses of superior quality. It was while doing this mixing that we wished our customers could see this great pile of Seeds, so our Mr. Bacher "took its picture." We require several piles like this to supply our customers each season.

QUALITY FARM SEEDS

It has always been the policy of this store to select field seeds from the standpoint of quality and purity rather than price. These two items are always vitally considered before we offer field seeds to our customers.



This barn and silo was built by the James Mfg. Co., manufacturers of sanitary barn equipment, Fort Atkinson, Wis.

The Globe and Pine Tree Brands of Clover and Timothy Seeds we offer you are the most reliable that can be bought anywhere.

The Lycoming County Farm Bureau Association formed a pool of the various farm organizations for the purchase of clover seed; we supplied this seed, saving the farmers many thousands of dollars.

If you care anything about the quality of the seed you sow, and are particular along this line, you will buy your seeds from us.

Our seeds have that bright, clean-look-

ing appearance, and take the highest possible purity and germination tests.

Our prices are no higher than you will pay in some stores for a very much inferior grade of seed.

We'll be glad to show you samples any day and have you make comparisons.

About Prices of Field Seeds

The prices of clover and nearly all other farm seeds are so uncertain, due to weather and the unusual industrial conditions, that it is impossible at this time to quote you prices with any degree of certainty, as the market is changing almost daily. Therefore, in order to protect ourselves and give you the benefit of any reduction in prices, we invite inquiries and will gladly quote you the best prices obtainable.

If possible, come to the store, inspect our stocks personally and secure the benefit of prevailing market prices, making it more satisfactory for both of us. But if you can't come, write us.

Wishing you a prosperous season. Cordially yours,

CHAAPEL'S SEED STORE



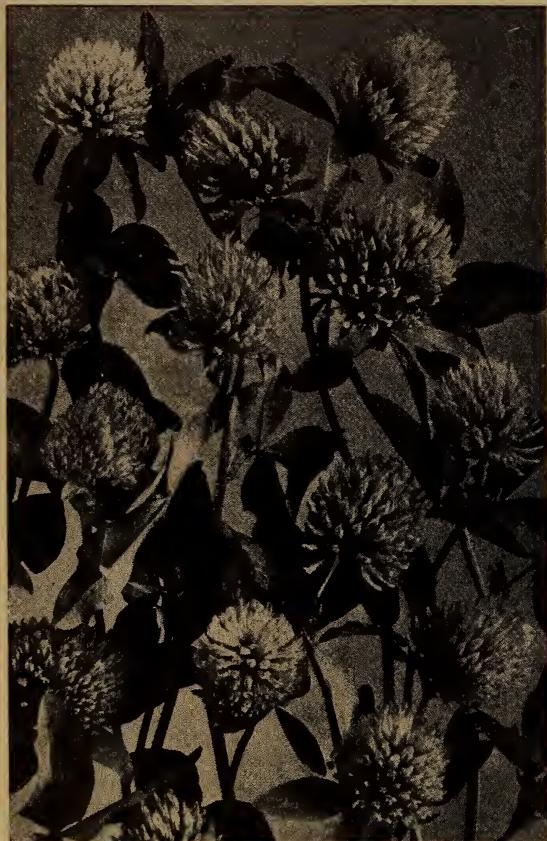
Clover and Timothy Seed

PRICES ON FARM SEED SUBJECT
TO MARKET CHANGES

ABOUT THE QUALITY OF OUR CLOVER AND TIMOTHY SEED

A large and increasing proportion of the orders we receive for Timothy and Clover Seed are for our "Globe" and "Pine Tree" brands, because our customers have learned that the best seed is the most economical regardless of the cost. Seed cleaned for our Pine Tree and Globe brands must in every instance come up to a certain standard before it can be sold as such. It has always been our policy to sell goods as advertised, never substituting an inferior grade unless so advised. In this way we have built up our reputation, and our friends have learned that when they order "Pine Tree" and "Globe" brands, they receive them.

Prices on all Farm Seeds change with the market; so write for best prices when ready to order. Seamless 2-bushel bags, used in shipping, are 65 cts. each extra



Medium Red Clover

Sow Red Clover seed and plenty of it

MEDIUM RED CLOVER. It pays always to buy the best quality of Clover seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of less hay being produced from it, but from the fact that one's land becomes infested with weed seeds which decrease the value of the land on which they are growing. Prices on request.

GUARANTEED MAMMOTH RED. Pea-vine or sapling Clover, a large rank-growing Clover producing an enormous yield. It is a valuable plant for our depleted, worn-out hill-tops. Its immense root-system, filled with bacterial nodules, quickly restores fertility to the soil. It ripens later than the Medium Red Clover, at about the same time as timothy. Valuable for both pasture and hay, especially in combination with timothy. Our stock of this Clover is the genuine Mammoth,

Guaranteed Mammoth Red, continued

carrying the certified grower's guarantee with each bag. Sow 8 pounds to the acre. Prices on request.

Alsike, or Swedish. This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red. It is very fine for honey bees, and cattle prefer it to other Clovers. Prices on request.

Crimson, or Scarlet. An annual of strong, erect growth, 1 to 2 feet high. It roots deeply and places in the soil an abundant supply of nitrogen. When plowed under, it adds to the soil a large amount of humus or available plant-food, thus enriching the land and preparing it for other crops. Sow 10 to 15 pounds of seed to the acre in the spring. Prices on request.

ALFALFA. Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as wheat-bran. Three hundred and sixty stalks have been grown from 1 seed. It does not exhaust the soil; it enriches the soil. It will grow 3 to 5 crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milch cows can be fed on less than 2 acres by soiling. Prices on request.

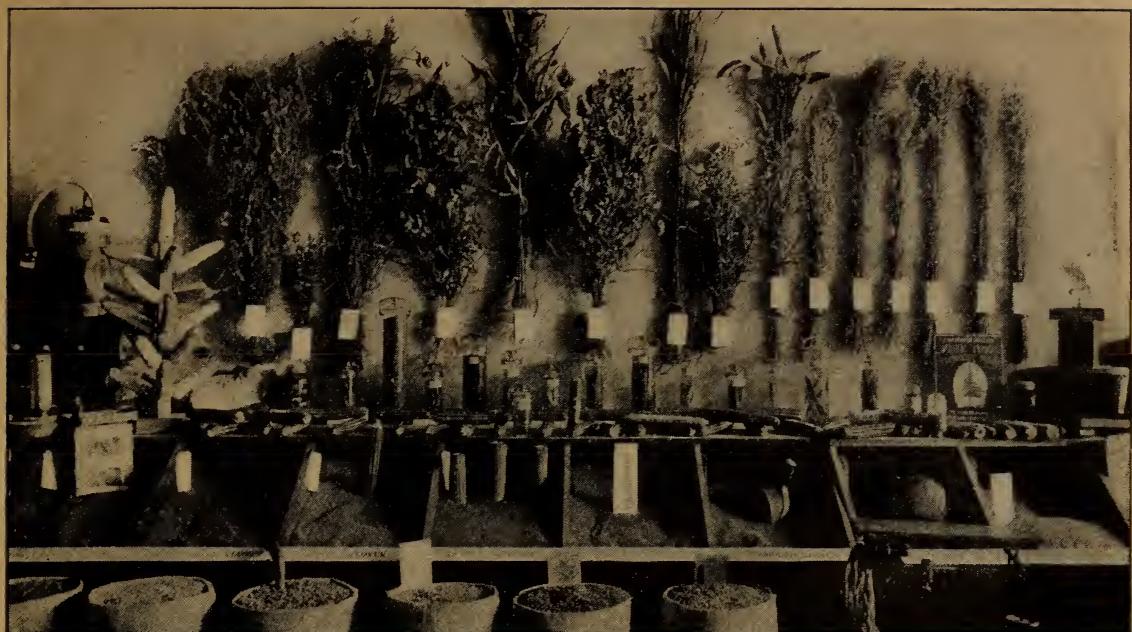
Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Prices on request.



Timothy

Order Early—All Seed Stocks are in Great Demand



This picture, taken in our store, shows the arrangement of our Farm Seed bins, a display of Legumes, Grains, etc., and jars containing vegetables preserved in alcohol

Canadian Field Peas and Oats

FOR FODDER

There is no crop grown on the farm as valuable for summer feeding as Canada Field Peas and Oats, and they are equally valuable in the silo or as hay

Many of our best farmers know and understand this, but very many do not. It is used both as a green feed and as a fertilizer, and in both places deserve to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

For the Silo. Recent tests, reported by some of the agricultural agents, show that Canada Field Peas and Oats make a very desirable addition to our available crops for silo purposes. Coming on as they do at the time of the year when the silos are empty or partially so, they can be utilized to advantage for this purposes. We would earnestly urge our customers to use these Peas more liberally than many of them have been doing in the past, knowing that they will be very well pleased with the result.

These make a fodder and hay which double the production of milk. Pk. \$1.50, bus. (60 lbs.) \$5, bag (2 bus.) \$9.50. Price for larger lots will be quoted by letter at any time.

TO GET BEST RESULTS

Sow in early spring, the earlier the better, about one or two bushels each per acre. Drill the Peas in first, about four (4) inches deep, sow the Oats in the usual manner. Oats should be drilled the opposite way the Peas were drilled for best results.

Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Choice Northern Grown Seeds, acclimated and tested for germination. Will produce big crops and improve the land.



P. A. McGowan inspecting a field of Lycoming County-Grown Canada Field Peas and Oats

Improved Dwarf Essex Rape

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinary favorable conditions Rape is ready for pasturing sheep or hogs in about 6 weeks from date of sowing, and on the average, an acre will usually carry about 14 sheep 6 to 8 weeks.



Dwarf Essex Rape

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about 6 pounds per acre if broadcasted, or 4 pounds if drilled.

Lb. 20 cts., 10 lbs. or more, 15 cts. per lb.

Sweet Clover

Improve your land, sow Sweet Clover

This is a legume of immense value for soil-improvement. Sweet Clover can be grown on soil that is too poor to grow most other legumes and such soils may be greatly improved. On land containing some lime, Sweet Clover will give most satisfying results. Nitrogen is gathered in paying quantities. May be sown in spring or fall.

The best stands we saw last season were sown in the corn the last cultivation.

We offer a 12-page pamphlet telling all about Sweet Clover, free on request

SCARIFIED SEED. This is a new treatment of hard seeds invented by the Iowa Agricultural College. The seeds are rubbed by machinery and the hard coat removed, making the seed respond more readily to the action of soil moisture, insuring a much better germination.

White Blossom. The largest of the Sweet Clover family; a great soil-improver; makes fine pasture and a good grade of hay. Scarified seed. Lb. 35c.

Yellow Blossom. Similar to White Blossom but not such a rank grower; preferred by many for hay and pasture. Scarified seed. Lb. 35 cts.

Bushel prices on application

Kentucky Blue Grass

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 30 cts., bus. (14 lbs.) \$3.75.

Bromus Inermis

One of the most important foreign economic grasses yet introduced into American agriculture. It is a perennial, growing 3 to 5 feet high; grows luxuriantly in the eastern states. It comes early in the spring and stays green all summer. It is one of the very best grasses for wet, mucky soils, and does admirably well on dry soils. It is an ideal companion crop for White Sweet Clover; together they make a combination that is hard to beat. Sow in the spring about 10 lbs. per acre. Lb. 35c., bus. (14 lbs.) \$4.50.

Orchard Grass

It grows in tufts, and is therefore best sown with red clovers, rye grass, etc. It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.25.

Millet

Tennessee, or Golden. Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Ask for prices.

Red Top (Solid Seed)

The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. Good to sow with timothy and clover for meadow or pasture and is more permanent than either. Lb. 25 cts.

Buckwheat

Japanese. Is much superior to the common Buckwheat. Prices on application.

Silver Hull. The grains are of a silvery gray color, making a white flour. Prices on application.

Plant Clover for your bees—there's nothing more delicious than Clover-honey

Boone County White Ensilage Seed Corn

VIRGINIA GROWN

Boone County White originated with James Riley, of Thorn-town, Ind. It continues to be one of the most popular and satisfactory Corns wherever it is grown. The ears are large, 9 to 12 inches in length, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, well filled out at both ends, and containing 18 to 22 rows; cob white and of medium size.

The grain is very deep, creamy white, a little rough, with fine large germs. Foliage is abundant and leaves thick and succulent, making excellent silage. Has a good strong-growing stock which stands up well. Boone County White is a favorite wherever Corn is shown in competition. It is one of the highest-bred Corns in cultivation and matures in 115 to 120 days, yielding 100 to 120 bushels of ears per acre and 15 to 17 tons of silage. We recommend Boone County White for ensilage on bottom-land farms of Lycoming County.

In a variety test conducted by the Lycoming County Farm Bureau on the farm of F. W. Winters, at Montoursville, it proved to be the best ensilage Corn of the varieties tested. While this was only a yearly test, and the varieties were limited, with an exceptionally long growing season, nevertheless we believe this Corn has a future for silage purposes in Lycoming County. Pk. \$1.35, bus. \$5.

West Branch Sweepstakes Ensilage Seed Corn

This Corn originated in Lycoming County. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established.

West Branch Sweepstakes purchased from us is the genuine stock grown on the Susquehanna river-bottoms in Lycoming County, within a few miles of its original home, and it has never failed to mature properly for seed purposes.

The stalks are very large and heavy and full of foliage, 12 to 14 feet high. The ears are large, 10 to 12 inches in length, 8 or more inches around, containing 12 to 14 rows of deep golden yellow grains, sometimes white-capped, having a decided reddish cast. It is one of our best yielders and producers, yielding an enormous tonnage per acre of both stalks and ears, making an ensilage of the highest quality and on account of its early maturing very desirable for the northern sections of Pennsylvania and New York. Its merits have been recognized by Farm Bureau Agents wherever it is known; hence its great popularity. Pk. \$1, bus. \$3.50.

Blue Ridge Ensilage Seed Corn

A VARIETY OF ENSILAGE CORN OF GREAT MERIT

Blue Ridge Ensilage is at least three weeks earlier than its famous prototype, Eureka Ensilage, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of West Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk, well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long; the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Pk. \$1.35, bus. \$5.

Eureka Ensilage

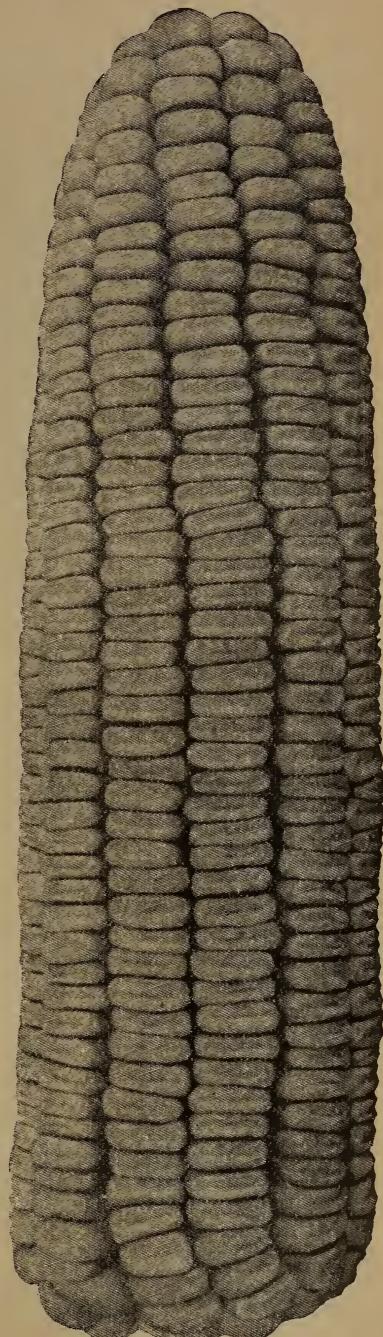
The largest Corn we know of; grows from 14 to 18 inches high on stalks 2 to $2\frac{1}{2}$ inches in diameter and having a vast amount of foliage. If it is a question of tonnage on your farm, by all means grow the Eureka Ensilage Corn. It gives results and assures you a succulent, palatable cheap feed the year round. Pk. \$1.10, bus. \$4.

Improved Golden Dent Ensilage

VIRGINIA GROWN

We offer this as the best yellow Ensilage Corn we can find. The grower says: "We have been carefully growing and selecting this Corn for several years until now we have in it the most prolific and hardy yellow Corn to be had for the South. It is not a flint variety, but being a moderately hard Corn, does not rot in the fields as do many varieties of yellow Corn. It is exceptionally early, maturing fully 2 weeks ahead of Eureka, or as early as Blue Ridge." Pk. \$1.35, bus. \$5.

Owing to unsettled conditions prices of all Seed Corn are subject to change without notice



Blue Ridge Ensilage Seed Corn

Northern-Grown Seed Corn

MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED

All our Seed Corn is tested for vitality before you get it, and the germination marked on the label

Plant 8 to 10 quarts to the acre in hills; sow 2½ to 3 bushels broadcast for fodder

Owing to unsettled conditions prices of all Seed Corn are subject to change without notice

COJOCO WHITE-CAP YELLOW DENT.

This Corn has been grown in Lycoming County for a period of 20 years, the last 5 of which it has been carefully bred by Mr. J. O. Coleman by the ear-to-row method and field selection of seed. The yield has thus been increased 20 per cent without special fertilization, excepting green cover crops of vetch, rye, and crimson clover; and by intensive cultivation. This Corn is thoroughly cured in specially prepared drying-racks; and in a normal year it matures before danger of frost and is especially adapted to moderately fertile soil and medium altitudes. Pk. \$1, bus. \$3.50.

QUENSHENAQUE YELLOW DENT.

An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn has never failed to ripen properly in its native habitat on the hills, up the Quenshenaque Run. It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in 90 to 100 days; the stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Pk. \$1, bus. \$3.50.

IMPROVED LEAMING.

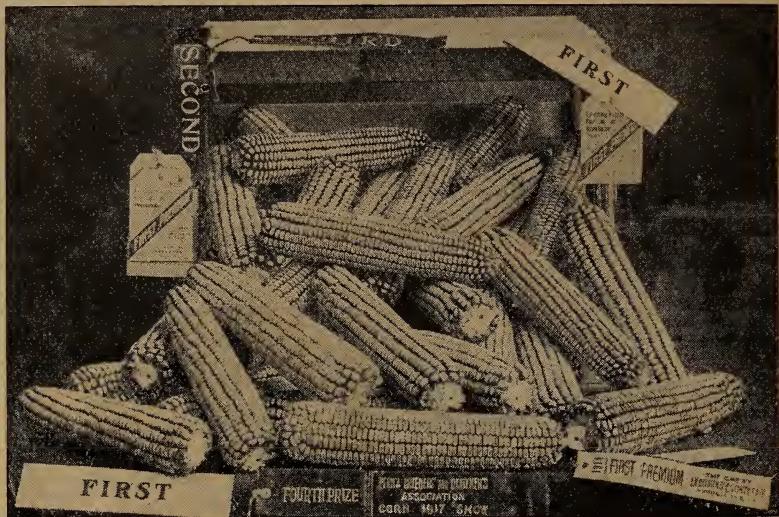
Lycoming County-grown. Acclimated and grown in the Nipponese Valley of Lycoming County. This Corn is a selection from Leaming bred to ripen in this vicinity, a beautiful Yellow Dent variety maturing in 90 to 100 days. Ears and foliage of medium size, a sure cropper. Pk. \$1, bus. \$3.50.

MOUNTAIN WHITE-CAP YELLOW DENT.

The earliest Dent Corn grown, a variety particularly adapted to our hill farms, a dependable variety where others do not mature. Stalk thin and about 5 to 7 feet high, ears small, 7 to 8 inches long. Small cob, grains of a light yellow, white capped, matures in 85 to 90 days. Pk. \$1, bus. \$3.50.

HALL'S GOLD NUGGET.

A beautiful, golden, 8-rowed Flint Corn, having extra-long ears well filled with broad, golden colored grains. It is by far the premier of the Flint Corns, beautiful to look at and a very good yielder. Flint-Corn growers can make no mistake in growing this variety. It is a winner wherever tried. Wherever shown in



Type of the Cojoco White-Cap Yellow Dent Corn

Hall's Gold Nugget.

continued competition with other Flint Corns, this Corn always carries off the blue ribbon. Pk. \$1.35, bus. \$5.

HUFFMAN'S WHITE-CAP YELLOW DENT.

Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The stock we offer is gilt-edge and hand-picked. The ears are large—9 to 11 inches and 14- to 16-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Pk. \$1, bus. \$3.50.

GOLDEN SURE CROP.

(Lycoming County-grown.) A Yellow Dent of superior quality, a heavy yielder, and does well under rough and ready farming. We are offering this year seed of this variety, acclimated and grown in Lycoming County, which we believe will give better satisfaction for grain purposes than that grown in Lancaster County. Pk. \$1, bus. \$3.50.

LANCASter COUNTY GOLDEN SURE CROP.

We have procured reliable seed stock from growers recommended to us by the Lancaster County Farm Bureau. This is a large-growing Corn, 12 to 14 feet high, with long ears and a large amount of leaves, making it an excellent silage Corn. Will not mature for grain in a short season in Northern Pennsylvania. Pk. \$1.10, bus. \$4.

LONGFELLOW FLINT.

This for a long time has been the popular 8-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Pk. \$1.25, bus. \$4.50.

We have several local varieties of Seed Corn grown on the various altitudes of Lycoming County, which we do not list for want of space. All are Corns that do best in our valleys and on the hill farms. Tell us your location—we can supply the Seed Corn that will mature.



A field of Storm King Oats

Ask for quantity
prices

Seed Oats

32 lbs. to the bushel. Sow
2½ bushels to the acre

NEW ALBERTA. It has been our desire to introduce a strictly first-class pedigree line of Farm Seeds. This Oat has large, white, heavy, plump kernels, and is thin-hulled, having stiff straw and spreading heads. It is a heavy yielder, doing well in this locality. Bus. \$1.75, subject to change.

BIG YIELDER. An unusual heavy bodied Oats having big, plump, meaty grains of the highest quality, and the stiffest straw, making it lodge proof. It is a spreading or tree Oats. Supply limited. Bus. (32 lbs.) \$1.50, 10 bus., \$1.25 per bus. Subject to change.

SIXTY DAY. It is one of the very best varieties for nurse crop. Can be placed on market a week before other varieties, and sometimes wins a premium on that account. As a nurse crop, we would use 1 bushel to the acre; for grain, 1½ bushels. The grain is plump, but a trifle yellow. Bus. (32 lbs.) \$2 subject to change.

Sunflower Silage

In sections of the country where corn does not do especially well, in the high altitudes where early frosts damage corn, a new silage is being introduced. Pennsylvania State College and several of the western agricultural colleges are experimenting with this form of silage.

To Mr. Monroe Case, of Rose Valley, we believe, belongs the distinction of being the pioneer of Sunflower Silage in Lycoming County. Mr. Case grew two good-sized fields of Sunflowers this season. He reports feeding it in the green state to his stock all this fall, and that the stock take to it with a relish and are doing well on it. His method of feeding is to chop the whole plant into small pieces and feed the same as corn. In introducing it to his stock, he sprinkled chop over the first few feedings, but later he found this unnecessary.

Sunflowers will yield more tonnage than corn, and while we have no data on its relative feeding value, if we are to judge it by the condition of Mr. Case's stock, we must concede that its feeding-value is at least equal to corn. Sunflowers may be used to good advantage in planting where corn made a poor stand. Lb. 25 cts., 2 lbs. 45 cts., 10 lbs. \$2.

NEW "BUMPER CROP." These are the largest and plumpest Oats we have ever seen grown in this country. The heads are long with the grain heavily clustered. The straw stands stiff and straight. These Oats can be grown on rich land and will stand up straight and stiff where other kinds would go down before half ripe. Bus. \$2.

STORM KING. We have a good supply of this strictly reliable variety. The grower has renewed his stock from imported seed this season. These Oats have been grown in this county very successfully for years. It makes a strong growth of straw, with large, well-filled heads, which have a tendency to be one-sided; and the grains are white, large, and heavy. Storm King has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. (Illustrated on back cover.) Bus. (32 lbs.) \$2, 10 bus. \$1.85 per bus., subject to change.



Big Yielder Oats

Northern-Grown Seed Potatoes

NEVER USE EATING POTATOES FOR SEED

As usual, we have a choice supply of standard varieties. These Potatoes are free from Potato scab or other diseases. Our early varieties cannot be surpassed in earliness; they are white and mealy, and hold their firmness longer than home-grown stock.

MARKET PRICES WILL PREVAIL

Burpee's Extra-Early. One week earlier than the Early Rose and nearly twice as productive. The flesh is pure white, possessing the very best table qualities.



Early Ohio Potato

Early Ohio. A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy.

PURE EARLY ROSE. The good old favorite; pure and true. Every farmer and gardener knows the good Early Rose Potato, and nothing need be said in its favor. Our seed is grown in New York State, and we can offer it as the purest and best that can be had.

Irish Cobbler. A variety which becomes popular wherever tried on account of its earliness, handsome appearance and excellent quality. Tubers are round, smooth; skin creamy white, often netted; flesh white.

Stray Beauty. Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked.

Soy Beans

THE GREAT SOIL-IMPROVER

Soy Beans and Cowpeas can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes. All Soy Beans are very scarce.

For the Silo. It has been found that Soy Beans, planted in with the silo corn at the rate of 15 to 18 pounds to the acre and put in the silo with the corn, make a very rich ensilage, far superior to corn alone, as Soy Beans contain a high percentage of protein, which is lacking in the corn. We believe this method is far better than planting the corn and Soy Beans separately when intended for the silo; as it insures an equal distribution, which can not be obtained readily when they are planted separately and put in the silo alternately. Soy Beans may be grown for grain. When the grain is ground it makes a very rich feed, equal in feeding value to cotton-seed meal.

Medium-Early Green. For the northern tier of Pennsylvania counties, where the practice of sowing Soy Beans with the silo corn is becoming popular, it is advisable to have a variety of Soy Beans that will give the greatest amount of foliage and almost-matured grain at silo-filling time. In variety tests conducted in Susquehanna County under the supervision of the Farm Bureau Agent, this heads the list. This plant grows upright, produces much foliage and is the heaviest producer of grain. Prices on request.

Wilson. This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow 40 pounds to the acre. Prices on request.

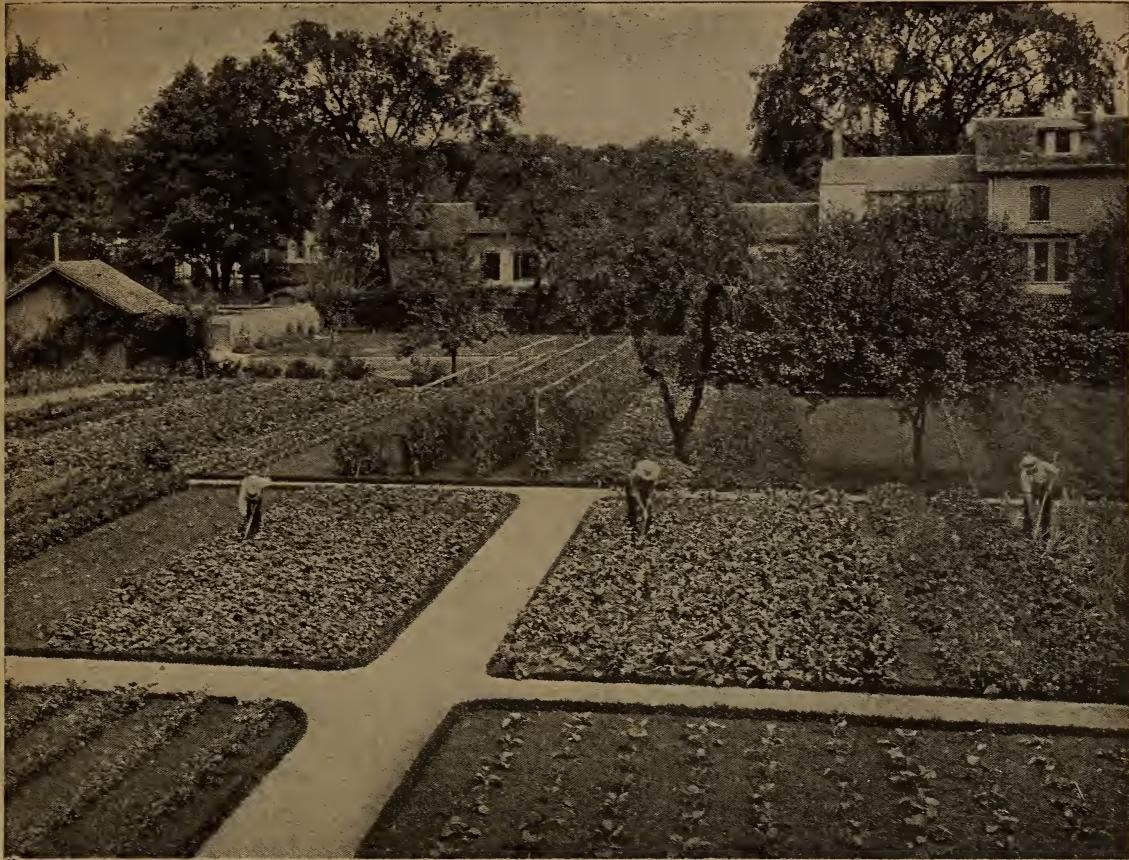
Elton or Chestnut. An early bean that matures about a week earlier than Medium-Early Green or Wilson. It is a desirable bean for northern localities. It is a strong grower, a large seed producer and having an abundance of foliage, it is a desirable variety to sow in the ensilage corn in northern counties as it matures sufficiently for that purpose. It makes an excellent hay and hog pasture. Prices on request.

Sand or Winter Vetch

For Forage and Fertilizing Purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Sow 30 to 40 pounds to the acre with $\frac{1}{2}$ bushel rye, oats or barley. Lb. 25 cts.



Pure Early Rose Potatoes



WHY NOT HAVE A BETTER GARDEN THIS YEAR?

Here is a picture of a garden that yields an abundance of vegetables the year round for the family table, and it indicates a condition of thrift that should surround every American home,—perhaps a vacant plot nearby can be brought into use,—there is a saying that "A good garden is worth a hundred dollars to the average family;" why not try it this year? And remember—manure and fertilizers, together with thorough cultivation, make things grow, producing immense crops at small expense.

If you are interested in growing your own vegetables, and feel you need information on the subject, why not consult us? We are in a position to offer suggestions and advice. Write or ask for our leaflet on "How to Plant Your Garden."

Do your seed buying early, for a seed store in April or May is like a toy store on the night before Christmas.

CHAAPEL'S QUALITY SEEDS
ARE RELIABLE AND REASONABLE IN PRICE

Beans, Dwarf Wax or Butter

Liberal packets 10 cts., postpaid. Prices subject to change. We do not pay postage on Beans. If ordered by parcel post, add 10 cts. extra for each quart

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections



Improved Rust-Proof Golden Wax Beans

Improved Rust-Proof Golden Wax.

Without doubt the most popular of all the Dwarf Wax or Butter Beans. We are fortunate in having what seems to be an ample supply of this popular garden Bean, while many other varieties are a complete failure. This Bean does well under almost all garden conditions. It is the one best variety to plant, is always reliable, sure to produce a crop, and fine for canning. This is one of the earliest and best of the popular six weeks' dwarf Beans for the market and private home-gardens. The plants are erect, compact, and productive. The pods are of medium length, $4\frac{1}{2}$ to 5 inches, nearly straight, broad, half-round, golden yellow, very fleshy, wax-like, and stringless. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.

DAVIS' WHITE KIDNEY WAX. An early, productive, and attractive wax variety. Pods large and flat, $6\frac{1}{2}$ to 7 inches long, very uniform, extremely straight, stringy, fibrous, and of fair quality. Color clear, bright yellow. Seed white and kidney-shaped. A market-gardener's sort. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2.25, pk. \$4.25.

Pencil-Pod Black Wax.

The best of the dwarf, black wax varieties; early and productive. Pods are large, $5\frac{1}{2}$ to 6 inches long, round, nearly straight and crease-backed; strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. (See special description and colored engraving on third page of cover.) Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

New Round-Pod Kidney, or Brittle

Wax. The meatiest, crispest, most brittle and entirely stringless Bean grown. It is one of the earliest of all Wax Beans, of such superb quality it might almost be called "Best of All." The pods are solidly fleshy, tender, brittle and entirely stringless in all stages of growth. The plant grows tall, strong and sturdy, with round, handsome, stringless pods of medium size, and productive. Matures in about 45 days. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

REFUGEE WAX (Round-Pod). The stock we offer is very productive, early, and of superior quality. The plants are very vigorous and branching. The pods are 4 to 5 inches long, thick, fleshy, round, stringless and wax-like, being of a clear, light yellow color. Seed medium-sized, cylindrical, rounded at the ends, yellowish drab, heavily splashed with a bluish black. This is much used for canning as well as for home-garden and market. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

WEBBER WAX (Flat-Pod). A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to $6\frac{1}{2}$ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Seed yellow, kidney-shaped. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

PROLIFIC BLACK WAX. The improved strain we offer is productive, hardy, reliable, and of the best quality. The pods are of medium length, curved, cylindrical, and fleshy. They are of a clear, light golden yellow color and remain a long time in condition for use as snaps. Seed small, oblong, jet black. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2.25, pk. \$4.25.

WARDWELL'S KIDNEY WAX. One of the best large-podded varieties. The medium-sized plant becomes loaded with long, broad, flat, beautiful waxy pods, which are stringless and exceedingly brittle; the dried Beans are of a distinct kidney shape. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2.25, pk. \$4.25.

Bush Field Beans—Shell, Soup, or Baking Varieties

The Large White Marrow and Improved Large White Kidney are known as soup or baking Beans, for use during the winter months. The large demand and high prices make them a very profitable crop to grow, they do well on poor hilly land, and should be more largely planted. Pkt. 10 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.75, bus. \$10. Inoculate your Beans with Standard Bacteria and spray with Pyrox.

Eat What You Can and Can What You Can't

Beans, Dwarf Green-Podded

Liberal packets,
10 cts., postpaid

If Beans are wanted by parcel post add postage, 10 cts. extra, for each quart

Burpee's Stringless Green-Pod. Extra early; very prolific; entirely stringless; crisp, tender and of fine quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2.25, pk. \$4.25.
Improved Early Red Valentine. Extra-early; very popular and productive. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$12.50.
Early Yellow Six Weeks. An old standard green-podded variety; very vigorous, productive, and early. The pods are long, straight, broad, and flat, of handsome appearance; a good snap sort. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25.

Bush Lima Beans

Burpee's Bush Lima is the dwarf prototype of the Large White Lima. It was the best type of the Bush Limas, requiring no poles, and being two weeks earlier than the Pole type. It is now superseded by Burpee's Improved Bush Lima, with pods truly enormous in size, filled with Beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and fully 8 days earlier. The Fordhook is superior in many respects, earlier, larger in size and a heavier cropper than other Bush Limas.

We supply liberal packets at 10 cts. each, postpaid

Burpee's Bush Lima. Bushes 18 to 20 inches. Immense yielder; most popular. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.25.

Burpee's Improved Bush Lima. Sturdy bushes, loaded with enormous pods; early. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

Fordhook Bush Lima. Strong, erect growth; pods contain 3 to 5 large Beans. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4.50.

Pole Lima Beans

Put 5 or 6 seeds in hills 3 to 4 feet apart each way, placing them edge-wise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a good, warm loam. Pinch back when the vine reaches the top of the pole and the yield will be increased. Limas are the most popular table Bean.

We supply liberal packets at 10 cts. each



Early Golden Cluster Wax Pole Beans

Early Leviathan. The earliest large Lima; very productive. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.25.

King of the Garden. Most popular; heavy cropper. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.25.

Ford's Mammoth-podded. The largest podded, finest flavored and very productive. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.25.

Fordhook Bush Lima

Pole, or Running Beans

We supply liberal packets at 10 cts. each

Early Golden Cluster Wax. Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. (See illustration.) Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

Kentucky Wonder. Fine green-pod sort; early and productive; entirely stringless. Pkt. 10 cts., $\frac{1}{2}$ pt. 30 cts., qt. 55 cts., 4 qts. \$2.

White Kentucky Wonder (Stringless Green-Pod). Fine quality; very productive and early; stringless; white seeds. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

Kentucky Wonder Wax. Pods are beautiful golden yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

Lazy Wife. Pods green and entirely stringless; enormous producer. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50



Garden Peas of Special Merit

NORTHERN-GROWN

Sow the earliest varieties as soon as the ground can be worked in the spring. The wrinkled varieties are not so hardy as the smooth sorts and should not be planted quite as early. The rows must not be closer than 2 feet for the dwarf varieties, the taller Peas farther apart, sowing about 1 quart to 75 feet of row.

If wanted by parcel post, add postage, 10 cts. extra, for each quart

Alaska. Earliest of All Peas. The earliest of all extra-early varieties. Can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market-garden. Vines 2½ feet high. Pkt. 10c., ½pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.75, pk. \$3.

Nott's Excelsior. *This is one of the most popular extra-early wrinkled varieties,* especially with the market gardener. Vines are dwarf and vigorous. Pods contain from 6 to 8 large Peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.85, pk. \$3.50, bus. \$12.

Gradus, or PROSPERITY. *The best known of the large-podded early wrinkled Peas,* maturing a few days later than the extra-early varieties. It is of superior quality in size and flavor, grows 3 feet high; a regular market-garden Pea. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75.

Thomas Laxton. *The only rival of the famous Gradus,* extremely early, wrinkled Pea, long pod, considered by many gardeners superior to Gradus. The pods are of a deep rich green, blunt end, and filled with large, very sweet Peas, productive and in great demand. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75.

Dwarf Telephone, or CARTER'S DAISY. This fine late Pea is of healthy, stocky growth, vine and foliage dark green, 2½ feet tall and very productive. The green pods are 5 inches long, straight and pointed, containing 9 to 10 large, luscious, green Peas of the best quality and flavor. A desirable garden Pea. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75.

New English Peas,
Peter Pan



New English Pea, Peter Pan. A Dwarf Gradus.

This is the newest of the large-podded, extra-early, dwarf wrinkled Peas. The vines are dark green, extremely vigorous, growing 15 to 18 inches high. The pods are long and pointed and well filled with large, sweet, wrinkled Peas of most delicious quality. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.25, pk. \$4.

New Dwarf Pea, Little Marvel. A new, dwarf, first-early

Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods 2½ inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home-garden and market. Pkt. 10 cts., ½pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.25, pk. \$4.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS.
EXTRA FOR EACH QUART

Thomas Laxton Peas

Extra-Early Peas

I ALWAYS LIKE A GOOD BIG
DISH OF NEW PEAS

Wrinkled varieties are marked with a star (*). The height is given after each variety

Liberal packets, 10 cts., postpaid. If ordered by parcel post, add postage, 10 cts. extra, for each quart

Alaska, or Earliest of All. Pods well filled with small, smooth, blue-green Peas; first early. $2\frac{1}{2}$ ft. (See special description, page 4.) $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$11.

Best Extra-Early. Superior strain of the extra-early Peas; first to plant and most profitable. $2\frac{1}{2}$ ft. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$11.

Ameer, or Large-podded Alaska. Large, dark green pods, similar to Gradus. 3 ft. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.85, pk. \$3.50.

***Little Marvel.** New. As early as Nott's Excelsior, with large pods; quality as good and a good cropper. 15 in. Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.25, pk. \$4.

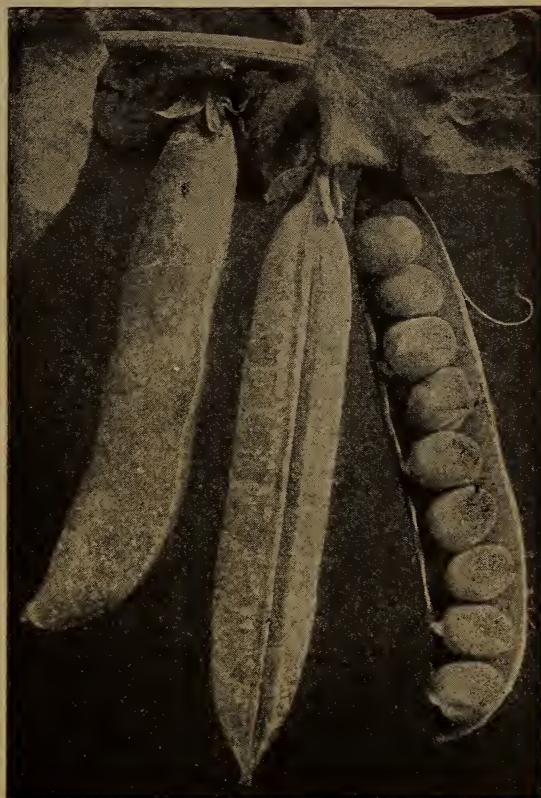
***Peter Pan.** A dwarf Gradus. The largest-podded dwarf extra-early. A new, dwarf, wrinkled English Pea, large-podded and well filled with large, delicious Peas. (See description, page 4.) $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.25, pk. \$4, bus. \$15.

***Nott's Excelsior.** Very early; pods always filled with Peas of the finest quality. (See description, page 4.) 15 in. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.85, pk. \$3.50, bus. \$12.

***Premium Gem.** Extra early, prolific and of delicious flavor. 15 in. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$12.

***Gradus, or Prosperity.** Extra early; large, wrinkled Peas of the finest quality. (See description, page 4.) 3 ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75, bus. \$13.50.

***Thos. Laxton.** Similar to Gradus and just as good. 3 ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75, bus. \$13.50.



Nott's Excelsior Dwarf Peas

Second-Early and Late Varieties

Liberal packets, 10 cts.

***Everbearing.** Continuous bearer; pods large, of delicious flavor. One of the best for home and market. 2 ft. $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$1.85, pk. \$3.50, bus. \$12.

***Yorkshire Hero.** A splendid, large marrow Pea; abundant bearer; of fine quality. $2\frac{1}{2}$ ft. $\frac{1}{2}$ pt. 20c., pt. 35c., qt. 65c., 4 qts. \$1.85, pk. \$3.50.

***Advancer.** A sure cropper; popular market sort. $2\frac{1}{2}$ ft. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$11.

***Horsford's Market-Garden.** Pods literally packed with Peas of delicious, sweet flavor. $2\frac{1}{2}$ ft. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts.

Pride of the Market. Popular in the market; pods large and handsome; finest quality. 2 ft. $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.

***Dwarf Telephone (Carter's Daisy).** Large, well-filled pods of excellent flavor. $1\frac{1}{2}$ ft. (See special description, page 4.) $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75, bus. \$14.

Prince Edward, or Prodigious. Immense pods, and Peas of highest quality. 4 ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75.

***Dwarf Defiance.** New. A splendid, large-podded variety; very promising. (Supply limited.) $1\frac{1}{2}$ to 2 ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75, bus. \$14.

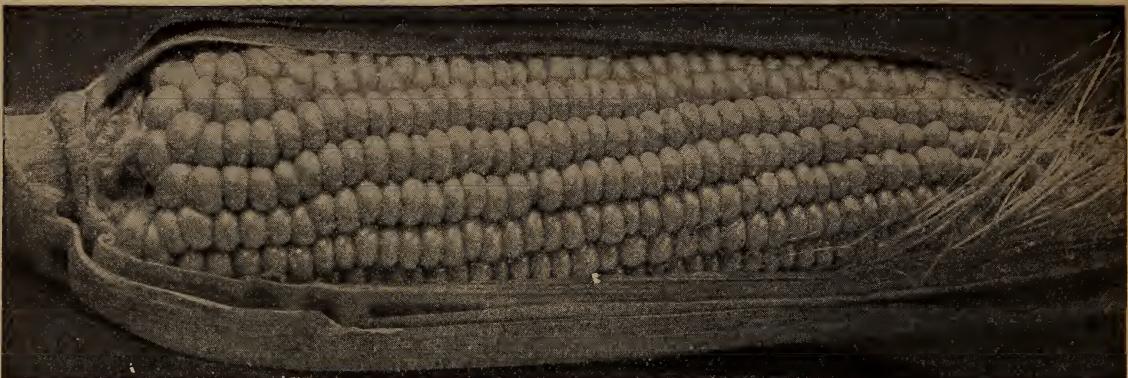
Improved Stratagem. A very large fine Pea, strong and stocky; late. The pods are very large and the Peas of the finest quality. The vines are short, so need no support. 2 ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75.

***Telephone.** The most popular late Pea. Large pods, filled with immense Peas of first-class quality. $4\frac{1}{2}$ ft. $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 70 cts., 4 qts. \$2, pk. \$3.75, bus. \$13.50.

***Champion of England.** One of the richest, best-flavored Peas; well known and popular. 5 ft. $\frac{1}{2}$ pt. 20c., pt. 35c., qt. 65c., 4 qts. \$1.85, pk. \$3.50.

Mammoth Melting Sugar. (Edible pods.) Large, broad pods; very brittle and stringless. 4 ft. $\frac{1}{2}$ pt. 25c., pt. 40c., qt. 65c., 4 qts. \$1.85, pk. \$3.50.

Our aim is to supply particular people with trustworthy seeds, only the most satisfactory varieties—the "tried-and-true" kinds



Stowell's Evergreen Corn

Sweet Corn

One quart plants 200 hills;
1 peck to the acre

It is conceded by almost everybody that Golden Bantam is the finest extra early Sweet Corn, but you should try the New Golden Sweet Corn, Bantam Evergreen. Mammoth White Cory and Peep-o'Day are the sweetest and most prolific of the extra-early white varieties.

Howling Mob and Kendel's Early Giant are the largest, finest early Sweet Corns, noted for their extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about 10 days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home- and market-garden.

Price, except where noted, Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.
If ordered by parcel post, add postage, 10 cts. extra, for each quart

MAMMOTH WHITE CORY. The earliest and one of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness. We now offer it as the earliest of all Sweet Corns, and recommend it to all our customers who specialize in extra-early Sweet Corns. Usually produces 2 handsome ears on each stock, 7 to 8 inches long, having 10 to 12 rows of broad, pearly white grains, tender and sweet, of the best table quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.20, pk. \$2.25, bus. \$8.50.

GOLDEN BANTAM. This variety is becoming each year more firmly fixed in popular favor because of its *extremely early character* and *vigorous growth* and it is actually the finest flavored of all Sweet Corns. It is pronounced by thousands of planters *the finest extra-early Sweet Corn ever grown*. (See special description on third page of cover.) Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.20, pk. \$2.25, bus. \$8.50.

BANTAM EVERGREEN. (Golden Bantam crossed with Stowell's Evergreen.) A new variety of the golden or yellow Sweet Corns. It has proven itself a decided success with the market man as well as the home gardener. In size it is not so much of a "nubbin" as Golden Bantam and yet not the giant of its other parent. While not an extra-early sort, it comes in just right in season to follow the first-early sorts. (See special description on third page of cover.) Pkt. 10c., $\frac{1}{2}$ pt. 12c., pt. 20c., qt. 35c., 4 qts. \$1.20, pk. \$2.25, bus. \$8.50.

HOWLING MOB. A large-eared, early Sweet Corn, ready for use about 5 days later than Mammoth White Cory, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkt. 10 cts., $\frac{1}{2}$ pt. 12 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.20, pk. \$2.25, bus. \$8.50.

Peep-o'Day. One of the sweetest and most prolific extra-early, dwarf sorts. **Premo.** One of the earliest dwarf varieties.

Kendel's Early Giant. Noted for its large size, fine quality and earliness. **Minnesota.** Deservedly popular both for market and family garden.

Adams' Early. Not a Sugar Corn, but grown extensively for market purposes.

Rice's Early Evergreen. Equal in quality and 10 days earlier than Stowell's. **Country Gentleman.** Distinct from other varieties; deep kernels.

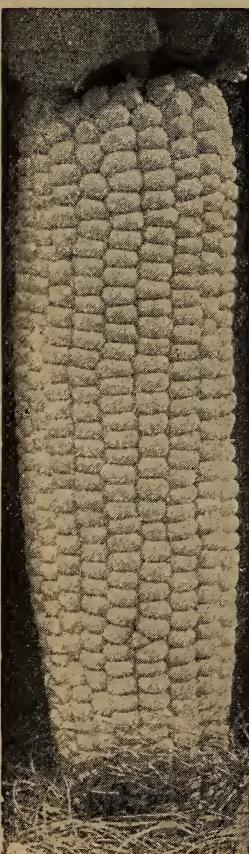
Stowell's Evergreen. The standard for quality, and the best-known variety; a favorite with market-men. Always brings good prices on account of its extra-high quality and remains a long time in condition suitable for boiling.

Zigzag Evergreen. Irregular rows of narrow white grains.

Early Mammoth Sugar. A large early of best quality.

Prices of the above varieties, except where noted, Pkt. 10c., $\frac{1}{2}$ pt. 12c., pt. 20c., qt. 30c., 4 qts. \$1.10, pk. \$2, bus. \$7.50. (Prices in quantity on application)

POP CORN, White Rice and Golden Queen. The only difference is in color. Both varieties pop freely. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., 2 qts. 90 cts.



Rice's Early Evergreen
Corn

Nothing Can Take the Place of Roasting Ears in Their Season

Table Beets

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. If you like greens you will appreciate Beets and swiss chard. Sow as early as the ground can be prepared. For fall and winter use make a later sowing. Sow 1 ounce to 50 feet of drill.

Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian. The Beets are fine-grained, tender and cook to a beautiful color. Fine for market. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

Detroit Dark Red. Form globular, smooth roots, with small tops; skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

Eclipse Blood Turnip. Very early, round, smooth and dark red. Flesh is remarkably tender, fine-grained, and of excellent flavor. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Swiss Chard, or Spinach Beet

This fine vegetable gives large returns for little care; it yields a constant crop from July until winter. The leaves of Swiss Chard are used for greens the same as spinach or beet tops; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow early in spring, in rows 16 inches apart, and thin out to 6 inches apart in the rows. It can be used all summer when spinach is not available. Later the leaves grow very large, with broad, flat, pure white stems, and midribs, which may be cooked like asparagus or made into very good pickles. Try this splendid vegetable and you will always plant it. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

GIANT LUCULLUS (Crumpled-leaved Swiss Chard). A new variety with larger stems and closely crumpled leaves. The plant is taller than the old variety, and the leaves, instead of being smooth, are deeply and closely crumpled, similar to a savoy cabbage. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2

Mangel-Wurzel and Sugar Beets Greatest milk-producing root grown

The value of Sugar Beets and Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost.

Sow in May and June, 5 to 6 pounds to an acre.

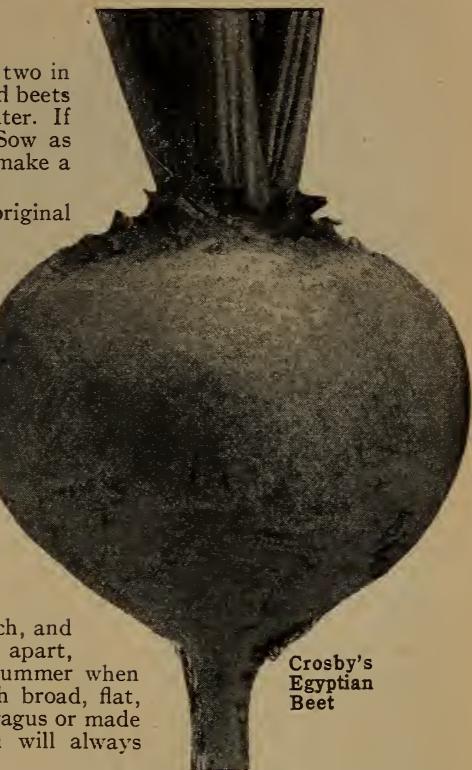
Golden Tankard. Yellow flesh; large and sweet; a heavy cropper. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

Long Red Mammoth Prize. The most popular variety; grows above ground. Attains enormous size, producing the largest tonnage per acre. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

Klein Wanzleben. The most popular Sugar Beet; roots largest on top, conical, tapering rapidly; color white; does well in ordinary soils; yields 12 to 18 tons per acre in 80 days; contains 14 to 18 per cent sugar. $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.



Giant Lucullus Swiss Chard Beet



Crosby's
Egyptian
Beet

Carrots

TABLE VARIETIES

There is great variation in the strain of Carrot seed offered, and it will pay you to buy stocks that are true to type in shape and color. Our trial-ground tests showed our stocks to run remarkably even, roots being smooth and of rich color. Carrots are so easy to grow that every garden should have at least a short row.

Liberal packets, 5 cts. each

Danvers Half-Long. The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. Oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Chantenay Half-Long. Medium early; roots smooth, bright orange and of fine quality; stub nose; excellent market sort. Oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. Oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Oxheart, or Guerande. Roots short and thick. Oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Cabbage

New Early Copenhagen Market



Copenhagen Market Cabbage

Burpee's All-Head Early. Deep flat heads; sure header. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Charleston Large Wakefield. Large pointed heads. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Danish Ballhead. Very best winter sort, round head. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Danish Round Head. Very hard and heavy; short stem. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Early Flat Dutch. A good early variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Henderson's Early Summer. Standard variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Houser. A large, solid heading, late sort, quite thick through. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.60, lb. \$6.

Premium Late Flat Dutch. The most popular late Cabbage grown. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

Early Jersey Wakefield (Rice's Selected). Extra early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Early Winnigstadt. The heads are cone-shaped; a very popular variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Rice's Surehead. Finest late Cabbage. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Red Rock (Henderson's Mammoth). Best red sort. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Savoy Perfection Drumhead. Best of the Savoys. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Chinese Cabbage (Pe-Tsai)

A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN

This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.

Cauliflower, Henderson's Early Snowball

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 15 cts., $\frac{1}{4}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.



Henderson's Early Snowball Cauliflower

Grow some of the new Celery Cabbage—you'll like it

Giant Pascal Celery

THE FINEST-FLAVORED CELERY GROWN

Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor; is crisp, tender, and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. This variety should not be transplanted to the field until the middle of July. It is a winter Celery and not suited for summer or early fall use. The ground should be well prepared, fairly fertile and fertilized heavily with acid phosphate and potash. If the ground contains too much nitrogen, Celery will grow too rank and become hollow. Our stock of Giant Pascal is the best obtainable, high grade and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.



Easy-Blanching Celery

EASY TO GROW—EASY TO BLANCH—EASY TO KEEP

A new variety of Celery with remarkable easy-blanching characteristics. Even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers; and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home-garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it. The ease with which it may be blanched, together with its long season for use, will strongly recommend it to the amateur gardener as well as the commercial Celery-grower. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.75.

Prices of the following varieties, except where noted, pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 85c.

Dwarf Golden Heart. An excellent variety.

Dwarf Golden Self-blanching. French-grown. Oz. 75 cts., $\frac{1}{4}$ lb. \$2.75.

Improved White Plume. Very early; silvery white.

New Rose. Best of all red varieties; fine keeper.

Winter Queen. Fine winter variety; very reliable.

ONE OUNCE OF CELERY SEED WILL PRODUCE 7,000 PLANTS

Cucumber

One ounce will plant 50 hills;
two pounds will plant an acre

Giant Pascal Celery

Davis Perfect. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Fortune. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Snow's Perfected Pickle. The most symmetrical, best formed and productive pickling sort; early, small and dark green. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Prices of the following varieties, pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25

Long Green Improved. Standard sort.

White Spine, Arlington Improved. Very reliable
for all purposes.

Boston Pickling. One of the best for pickling.

Fordhook Pickling. Very prolific variety.

Early Cluster. Fruit small; light green.



The Davis Perfect Cucumber

Spray your Cucumber plants with Pyrox or Bordeaux Mixture and Arsenate of Lead as soon as they appear, then three or four times during growth. It kills the bugs and prevents blight

Necessary to Complete the Home Garden

Endive

One ounce will sow a row about 200 feet long

Giant Fringed (Oyster Endive). A strong-growing variety with a large white heart and broad leaves, the heads frequently measuring 15 inches in diameter. Pkt. 5 cts. (large pkt. 10 cts.), oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Broad-leaved Batavian. Heads large, leaves broad. Oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Green Curled Winter. Hardest variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

White Curled. For early use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



White Vienna Kohlrabi

Asparagus

Giant Argenteuil. Of all the varieties that we have tried, this has been found to excel, both from a point of productiveness, tenderness, earliness, and resistance to diseases. It is the one variety that succeeds well in all soils and climates. Color pure white, with a greenish purple tip. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Brussels Sprouts

Carter's Perfection. A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Pkt. 5c., oz. 45c., $\frac{1}{4}$ lb. \$1.35.

Corn Salad

Large Green-Cabbaging. Liked as a substitute for lettuce. Pkt. 5c. oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.

Dandelion

Improved Broad-leaved. A new strain, highly recommended for market-gardens. Pkt. 10 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.

Cultivated, or French Common. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Eggplant

Black Beauty. The earliest large variety. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40.

New York Improved Purple Spineless. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.35.

Garden Cress

Extra-curled, or Pepper Grass. Its very desirable pungent taste is acceptable to most anyone who is fond of garden greens and garnishes. It is eaten as gathered, prepared with either a little salt and vinegar, or without; makes a very tasty salad. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

Water Cress. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10.

Kohlrabi TURNIP-ROOTED CABAGE

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White** and **Purple Vienna**. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts.

Parsnip Liberal packets, 5 cts.

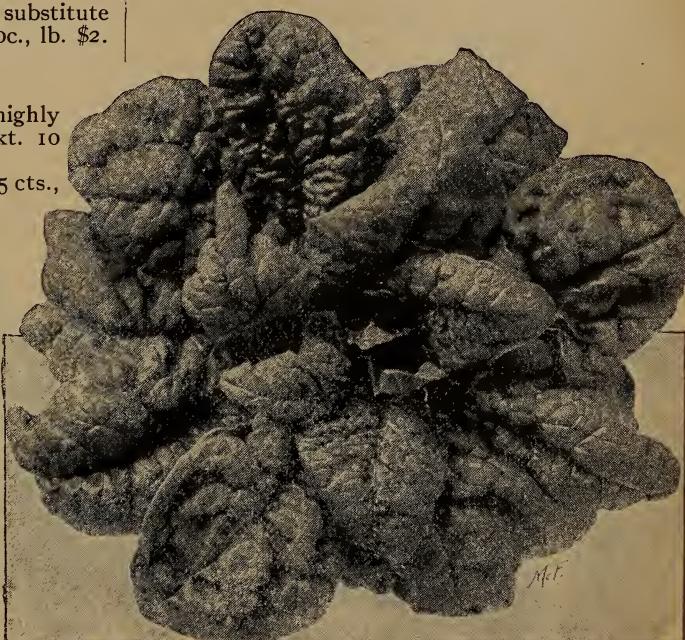
Large Sugar, or Hollow Crown. Standard variety. A large cropper, sugary and popular for general cultivation; tapering roots, smooth and fine grained, excellent for winter use. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Spinach

One ounce will sow a row about 100 feet long

Savoy-leaved, or Bloomsdale. Leaves are very curled and crumpled. It is early and very hardy, being splendid for winter use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Victoria. The leaves are very dark green and of the true savoy type. It is later than Long Standing and slow to run to seed. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.



A perfect plant of Bloomsdale Spinach



May King and California Cream Butter Lettuce

Liberal packets,
5 cts. each

Lettuce

One ounce will produce
1,500 plants

Our Selected Stock of Big Boston.

This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for coldframes. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Black-seeded Simpson. The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Prizehead. This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Grand Rapids Forcing. This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

California Cream Butter. Strictly cabbage-heading and very slow to seed. Head compact, firm and well blanched; color dark, rich, glossy green; quality excellent; very buttery, sweet and with thick, soft leaves of much substance. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50. (See illustration.)

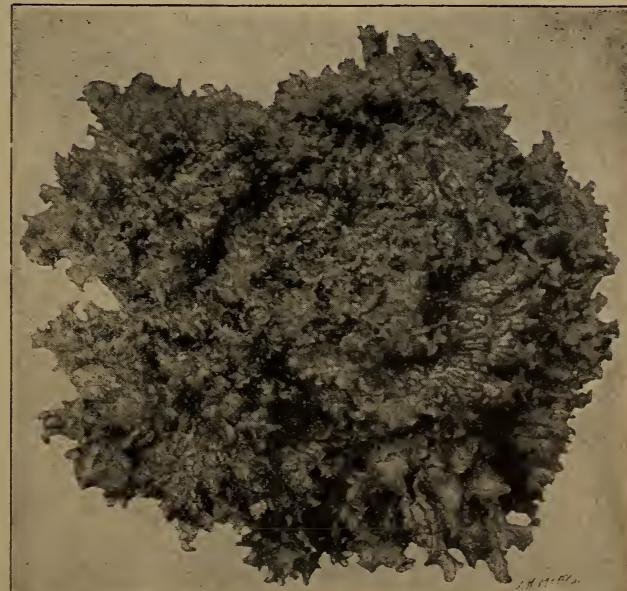
May King. Heads extra large and solid; green outside, but heart clear yellow; very desirable. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50. (See illustration.)

Crisp as Ice. A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Hanson Improved. Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Hubbard's Market. Thick-leaved, bright green heading variety, forming a large, compact head similar in type to Salamander, slightly larger, and a little later. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Paris White Cos, or Romaine. Blanches very nicely; upright grower. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Black-seeded Simpson Lettuce

Cultivation and Fertilizers Make a Good Garden

Onion Seed

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 5 cts. each

Yellow Globe Danvers, Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 30c., $\frac{1}{4}$ lb. 80 cts., lb. \$2.50.

Yellow Globe Danvers. Undoubtedly the best known and most popular of all Onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Prizetaker. This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.60.

Large Red Wethersfield. Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Onion Sets

THE REASON FOR PLANTING ONION SETS

Our Globe Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onions, sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets and Tops near the surface in drills 12 inches apart and 4 inches in the rows. They require the highest culture to obtain the best results. (Sold at market prices.)

Philadelphia Yellow Dutch, or Strasburg. The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

White Queen Pickling. A very good early-maturing pickling Onion. Pure paper-white; from 1 to $1\frac{1}{2}$ inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Southport Large Red Globe. Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Southport White Globe. A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 35 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.25. (See illustration below.)

Southport Yellow Globe. Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

White Portugal, or Silverskin. A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.60.



Southport White Globe Onions

Plant Globe Onion Sets for early Onions

Pepper One ounce will produce 1,500 plants

ROYAL KING. This new Pepper is so far superior to the Ruby King that it is supplanting it altogether and was rightly named "Royal King." The Peppers are of uniform size, shape and quality; they are exceptionally thick-meated, very mild, perfectly sweet and free from pungency. Color red. The plants are unusually prolific. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.35.

PERFECTION PIMENTO (The Sweet Salad Pepper). This is the "Perfection" of all the strains of the Pimentos. It is the mildest of all Peppers, deliciously sweet and free from all pungency. When ripe it is a beautiful scarlet-red, distinctly top-shaped, a big yielder, very reliable. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1. (See illustration from photograph.)

Ohio Crimson Giant. This new Pepper has proved to be one of the best of the large-fruited sweet varieties. It is as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.60.

Chinese Giant. The largest and finest mild red variety. Pkt. 10 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$1.85.

Large Bell, or Bull Nose. Large, mild, and thick-skinned. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

Long Red Cayenne. A small, long, bright red sort. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

Mammoth Golden Queen. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

Ruby King. Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.35.



Perfection Pimento Pepper

Muskmelon

One ounce will plant about 80 hills

The following varieties are too well known to need descriptions.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25

Burpee's Netted Gem, or Rocky Ford, Emerald Gem, Jenny Lind, Irondequoit, Hackensack, Extra-Early, Miller's Cream, Paul Rose, Perfection, Tip-Top.

Watermelon

One ounce will plant 50 hills

The following varieties are too well known to need descriptions.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Cole's Early, Fordhook Early, Tom Watson, Halbert Honey, Kleckley Sweets, or Monte Cristo.

Salsify, or Oyster Plant

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

Mammoth Sandwich Island. Pkt. 5 cts. (large pkt. 10 cts.), $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Turnip Liberal packets, 5 cts. each

Purple-Top Strap-Leaf. Best-known variety. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Purple-Top White Globe. A popular market sort. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

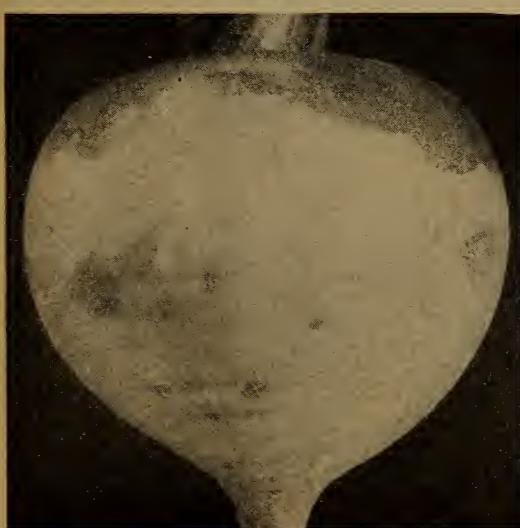
White Egg. Pure white; egg-shaped; early or late. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Yellow Globe. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Cow Horn, Long White. A valuable soil-enricher. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

White Globe. White, round. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

RUTABAGA, Improved American. Purple top, yellow skin. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.



Purple-Top White Globe Turnip

Radishes

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red-and white-tipped sorts are the quickest in maturing. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. French Breakfast is the ideal olive-shaped Radish. The summer varieties are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), producing large roots, clear white in color.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will "stand longer." Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except noted, pkts. 5 and 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Scarlet Button (Burpee's Earliest). Excellent forcing and open ground Radish, small top.

Long White Icicle. The finest white variety. **Early Scarlet Turnip, White-tipped.** Popular. Early, crisp and tender.

Sparkler White-tipped. The white extends further up on the Radish and on this account is more popular in some markets.

White Strasburg. One of the most popular summer sorts. Roots long, quite thick through.

French Breakfast. Pink and white, olive shaped.

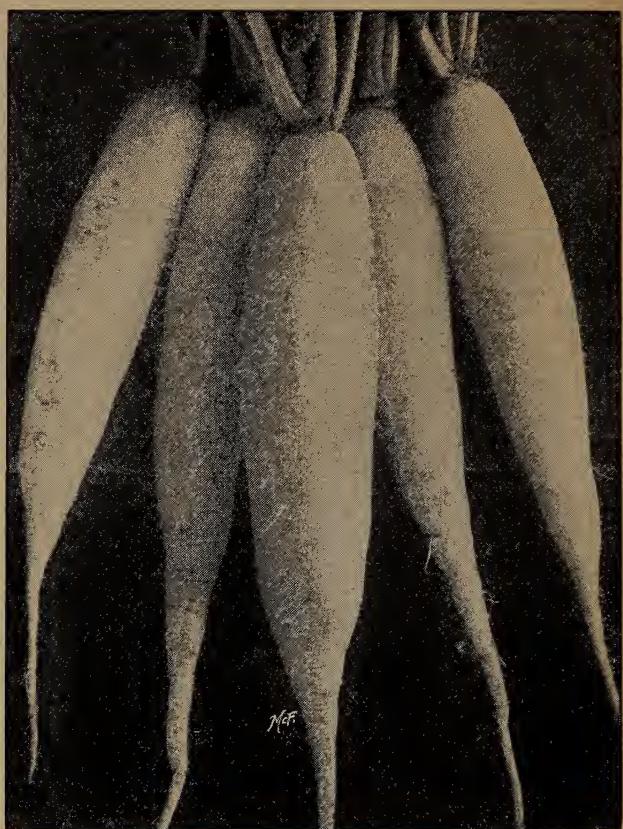
Long Scarlet Short-Top. Most popular, early.

Long White Lady Finger. Fine for summer.

Long Chartier. Tender and crisp, best for summer.

Long White Strasburg. Firm and brittle, popular for summer and fall.

Crimson Giant. Best for outdoor culture.



Long Icicle Radishes

Black Spanish, Round and Long. Fall and winter.

Rose China Winter. For fall and winter use.

White Chinese, or Celestial. For fall and winter use.

Philadelphia White Box. Beautiful, white, round.

Squashes

The Squashes are a very desirable addition to the garden—those who love a tempting, luscious dish will find the Summer Squashes indispensable. A deeper conviction of the importance of growing our own winter vegetables has become emphasized since home gardening played such an important part in the successful termination of the war. The Hubbards and other varieties of Winter Squashes are easily stored and very palatable when cooked, and make delicious pies when the thermometer hovers around zero.

Liberal packets, 5 cts. each

DELICIOUS. A fall, winter sort, top shaped, dark green but sometimes of a lighter shade, flesh orange, very dry and delicious. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Boston Marrow. Fine fall variety, flesh yellow and firm. Oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Mammoth White Bush, Scalloped or Patty Pan. Early. Summer. Oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

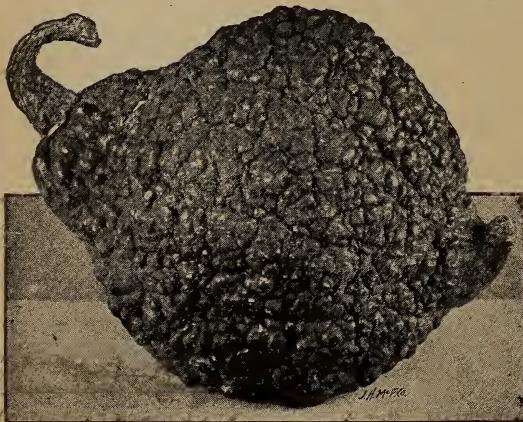
Golden Summer Crookneck. One of the earliest summer varieties. Oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Warted Hubbard. The standard Winter Squash. A superior strain. Oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

Golden Hubbard. Earlier than Warted Hubbard; equal in quality. Oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

Fordhook. Small, oblong, excellent for summer or winter; yellow; flesh very thick; extremely dry and sweet. Oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Mammoth Chili. The largest variety, attaining under high cultivation an enormous size. Oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50



Warted Hubbard Squash

Sow Radishes Frequently to Keep Up a Rotation

Tomato

One ounce will produce 1,500 plants
Liberal packets, 5 cts. each

Earliana, Extra - Early. (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Chalk's Early Jewel. Within 2 weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Oz. 30 cts., $\frac{1}{4}$ lb. \$1.

John Baer. An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Red Rock. A very fine selection of the Matchless type; medium early, round, smooth, and bright red; makes a good canning variety. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

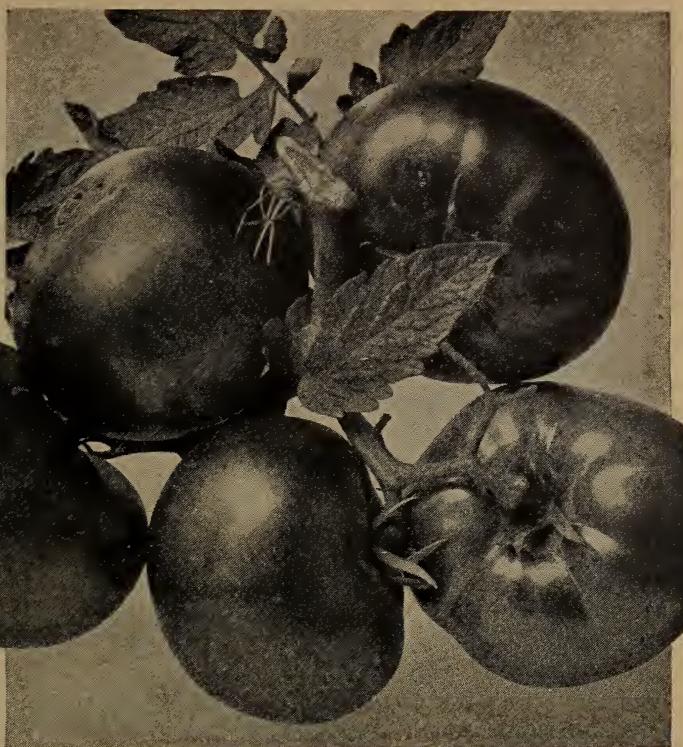
New Stone. A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Dwarf Stone. Aearly and nearly double the size of Dwarf Champion. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Crimson Cushion, or Beefsteak. Crimson; extra large. Oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

Ponderosa. Very large, solid and of good flavor; specimens have been grown to weigh 4 pounds; color bright red. Oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$5.

Truckers' Favorite. The finest, large, purple-fruited sort. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.



Bonny Best Early Tomatoes

This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Dwarf Champion. Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 30c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry. Oz. 30 cts.



Red Rock Tomatoes

Tomatoes produce large crops, with a minimum of labor and expense

Chaapel's Gilt-Edge Sweet Peas

A magnificent mixture of new Spencer and Grandiflora varieties; the large-flowering kinds, most artistically frilled and waved, with long stems. No common kinds used.

This Special Mixture has in the past been more largely planted than any others, and it promises this year to be better than ever. We have been fortunate in securing a splendid stock of really new and rare sorts that cannot fail to please the most critical Sweet Pea enthusiast.



Chaapel's Gilt-Edge Sweet Peas

Our customers usually prefer a mixture where all colors are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some 30 or more of the choicest named varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price.

Full ounce pkt. 15 cts., 3 ozs. 35 cts., lb. \$1.25

New Spencer, or Orchid-Flowering

Nothing within recent years can approach in importance the introduction of the Spencer Sweet Peas. Though but a few years old they revolutionize all former conclusions. They are distinguished from the standard sorts by the enormous flowers, with crinkled and wavy petals, and also from the fact that they usually bear 4 blossoms on a stem.

Large pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.

White Spencer. A magnificent white.

Countess Spencer. A lovely clear rose-pink, shading deeper at the edge.

Florence Morse Spencer. Delicate blush.

Asta Ohn Spencer. Soft lavender.

Elfrida Pearson. A lovely pink.

King Edward Spencer. Bright crimson-scarlet; the best of its color.

Clara Curtis. A primrose Spencer.

Othello Spencer. Deep, rich maroon.

Giant Spencer and Orchid - Flowering Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. The flowers, which are borne on long stems, are large and wavy. Free flowering. We are sure this mixture will give absolute satisfaction. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25.

Choice Mixed Colors

All bright colors, assorted in proper proportions to give splendid satisfaction. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. \$1.

Flowers are Stored-Up Sunshine—Grow More of Them

Chaapel's Superb Asters



Chaapel's Superb Long-branching Asters

New Crego Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance.

White Rose-Pink Purple
Shell-Pink Lavender Mixed

Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.

Queen of the Market

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house.

White Pink
Light Blue Mixed

Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 35 cts.,
oz. \$1

Special Long-branching Mixture

BRILLIANT FLOWERS IN GORGEOUS MASSES AND BEDS. BEAUTIFUL AS CUT-FLOWERS IN VASES

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color; but the Long-branching Aster is still the leading Aster in all the flower markets in the country and still holds the first place in the garden of the amateur. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.50; small pkt. 5 cts., 6 pkts. 25 cts.

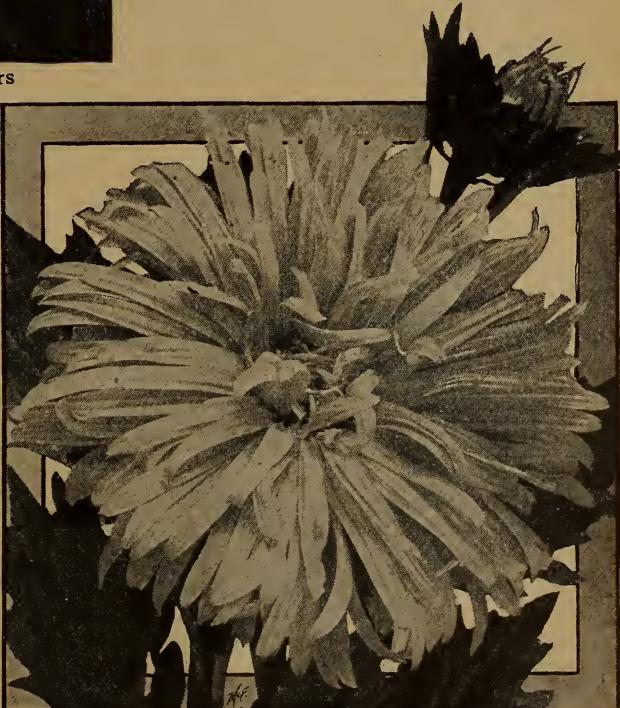
We offer 5 distinct and beautiful colors of the **Long-branching Asters** at same prices as the above Special Mixture.

Shell-Pink
White
Lavender

Rose-Pink
Purple

Special prices to Florists and Gardeners who grow for market.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in midsummer and the late varieties carry the garden well into chrysanthemum time.



New Crego Aster

Asters Are Easy to Grow and Bloom Profusely

Popular Flower Seeds

That Bloom the
First Season

These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.



Cornflower



Pink



Cosmos



Nasturtium



Larkspur

ALYSSUM. One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts., oz. 25 cts.

ANTIRRHINUM (Snapdragon). A splendid plant for beds or borders; easy to grow.

Tall, Mixed Colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

Giants, Special Mixture. Embraces a magnificent assortment of the finest new varieties.

Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 25 cts.

BALLOON VINE. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

BALSAM (Lady's Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

CANDYTUFT, White Rocket. Pkt. 5 cts., oz. 25c.

Mixed Colors. Pkt. 5 cts., oz. 25 cts.

CALLIOPSIS. Showy and beautiful free-flowering annuals. Choice mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts., oz. 30 cts.

CORNFLOWER (*Centaurea*). These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

Cyanus, Blue. The favorite dark blue sort so much in demand for cutting. Pkt. 5 cts., oz. 30c.

Mixed. Blue, white, rose, etc. Pkt. 5 cts., oz. 25c.

COSMOS, Extra-Early Mixed. Seed sown in the open ground early will produce plants completely covered with fine flowers 2 months before the late-flowering kinds. While the flowers are not so large as the late sorts, they are of good size and will undoubtedly perfect their blooms in the most northerly states. Pkt. 5 cts., large pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts.

Mammoth-flowering, Mixed. The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from 5 to 6 feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Pkt. 5 cts., large pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

COBÆA scandens (Cup-and-Saucer Vine). Pkt. 10 cts., 3 pkts. for 25 cts.

CYPRESS VINE. A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors. Pkt. 5 cts.

CLARKIA, Double, Mixed. Pkt. 5 cts., $\frac{1}{8}$ oz. 10 cts.

Single, Mixed. Pkt. 5 cts., $\frac{1}{8}$ oz. 10 cts.

CALIFORNIA POPPY (*Eschscholtzia*). An elegant hardy annual with fine-cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders. Pkt. 5 cts., oz. 30 cts.

CARNATION, Marguerite. These are deservedly the most popular Carnations with the amateur as they begin flowering in a few weeks from time of sowing.

Mixed. All colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

DIANTHUS, or PINKS. A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

Hedgewigii (Single Japan Pink). Finest selected single-flowered. Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Hedgewigii fl.-pl. (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

DOLICHOS (Hyacinth Bean). Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Pkt. 5 cts., oz. 15 cts.

GOURD, Ornamental. Pkt. 5 cts., oz. 20 cts.

HOLLYHOCK, Chater's Superb Double Mixed. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts.

KOCHIA tricophylla (Summer Cypress, or Mexican Firebush). An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 5 cts., oz. 15 cts.

LARKSPUR. Well-known annuals of great beauty and noted for the richness of their colors, particularly in the blue shades. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts.

MOONFLOWER (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

Your flower-garden should be a riot of color all summer long

POPULAR FLOWER SEEDS

Except where noted, all varieties,
pkt. 5 cts., 6 pkts. 25 cts.

MARVEL OF PERU, Choice Mixed (Four-o'Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Pkt. 5 cts., oz. 15 cts.

MORNING-GLORIES. One of the most popular annual climbers.

Choice Mixed Colors. Pkt. 5 cts., oz. 15 cts. **Japanese Imperial.** Flowers of immense size; a great variety of colors. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts.

MYOSOTIS (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts., 3 pkts. for 25 cts.

MARIGOLD, Eldorado. Popular free-blooming garden plants of the easiest possible culture. Flowers of immense size in all shades of yellow. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

MIGNONETTE, Sweet-scented. Valuable on account of its fragrance; sow in succession during the summer. Pkt. 5 cts., oz. 15 cts.

NASTURTIUMS, Our Gilt-Edge Mixtures. Are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil, in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed. (Mixed and special colors same price.)

Tall or Climbing, Choicest Mixed Varieties.

Tom Thumb Dwarf, Mixed.

Special Colors—Crimson, Scarlet, Yellow, etc.

$\frac{1}{2}$ oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

PANSY, Chicago Parks Bedding, Mixed. Great diversity of colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

Mammoth Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

PETUNIAS. Finest striped and blotched, making a grand show of color all season. Choice mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

PHLOX DRUMMONDII. One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

POPPY, Shirley. An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Carnation-flowered. Double fringed. Mixed colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 10 cts.

PORTULACA, Single Mixed. Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

RICINUS (Castor-Oil Bean). These ornamental plants are used with great effect on lawns, as centerpieces in flowering beds, such as cannae, etc. Pkt. 5 cts., oz. 15 cts.

Zanzibarensis, Mixed. The leaves are green, while the stalk, stem, and veins of the leaves are red, brown, and yellow, producing a gorgeous display of colors. Pkt. 5 cts., oz. 25c.

SALVIA (Scarlet Sage). This popular and showy bedding plant is almost indispensable. Seeds should be started either in the house from February to April, or in hotbeds.

Splendens. Tall-growing plants. Height, 3 feet. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts., oz. \$1.50.

SALVIA, Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 75c.

Zurich. Early. Dwarf and compact; large, brilliant flower-spikes. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

STRAWFLOWER, or Everlasting Flowers (*Helichrysum*). Fine for winter bouquets. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

SWEET WILLIAM (*Dianthus barbatus*). This is one of the finest hardy garden plants; of easy culture. Mixed colors. Pkt. 5 cts., oz. 30 cts.

SCARLET RUNNER BEAN. A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

VERBENA. An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

Mammoth Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

WOOLFLOWER, Chinese (*Celosia Childsii*). This remarkable Celosia has plants 2 to 3 feet in height and very bushy, each branch terminating in an immense, roundish flowerhead of deep rich crimson, and having in addition numerous laterals with smaller heads of bloom, the whole forming an extremely ornamental object. None of the blooms fade in any way, until hit by frost, but all continue to expand and glow with a deepening richness of color, a deep crimson-scarlet. It is very decorative in the garden, whether grown as specimen plants or massed. Pkt. (about 40 seeds) 10 cts., 3 pkts. for 25 cts.; large pkt. (150 seeds) 20 cts., 3 pkts. for 50 cts.

Plants, ready in May, \$1 per doz.

ZINNIAS (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

Tall, Mixed Colors. Pkt. 5 cts., oz. 25 cts.

Giant-flowering, Mixed. Our strain of this magnificent giant-flowered type is unsurpassed.

Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Giant-flowering, Scarlet. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{4}$ oz. 35 cts.

Wild Flower Garden

Choice Mixed Flower Seeds. A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.



Chinese Woolflower

**NO FLOWER IS EASIER
TO GROW THAN THE**

GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October, by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc.



Chaapel's Gilt-Edge Gladioli

Chaapel's Gilt-Edge Mixture of Gladioli

This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts. 5 cts. each, 40 cts. per doz., \$2.75 per 100.

Five Choice Gladioli

America. A beautiful flesh-pink, tinged with lavender. A variety of robust growth and easy cultivation. The flowers are very large and expanded, many being open at one time. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

Baron Joseph Hulot. New. Deep indigo-blue, slightly marked white at the base of the throat; very attractive when arranged with yellow flowers in a vase. 5 cts. each, 60 cts. per doz., \$4 per 100.

Halley. Delicate flesh color with creamy blotch in lower petal; flowers very large. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

Kunderdi Glory. Creamy white with crimson stripe in each petal. 7 cts. each, 70 cts. per doz., \$5 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame-color; one of the most effective both in the border and when cut. 5 cts. each, 50 cts. per doz.

CALADIUM. Elephant's Ear. A very effective plant for beds or groups, especially in lawns. To have the best results they must have an abundance of water and plenty of rich manure. When full grown, they stand 6 to 8 feet high, and bear immense light green leaves 3 to 4 feet long by 2 to 2½ feet wide. Large size 35 cts. each, medium size, 25 cts. each.

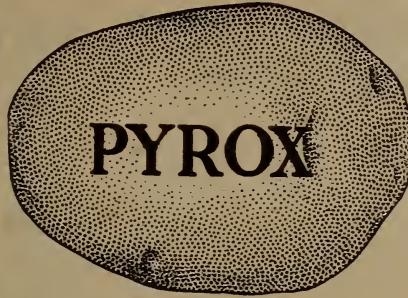
TUBEROSES. Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hotbeds and set outside in May. Give plenty of water. Large bulbs 10 cts. each, 25 cts. for 3, 80 cts. per doz.

MADEIRA ROOTS. One of the most popular climbers. Makes a thick shade; grows rapidly. 5 cts. each, 15 cts. for 4, 50 cts. per doz.

If bulbs are wanted by parcel post add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.

INSECTICIDES AND FUNGICIDES

"SAFETY FIRST"



A TWO-IN-ONE SPRAY

Spray your crops with Pyrox, a combined insecticide and fungicide spray that sticks,

kills all chewing insects, controls and prevents many blights that attack fruits and vegetables. Since the various insects and blights have become so prevalent, to be sure of a crop it is necessary to spray. Why not use the most convenient, economical, and lasting spray—one that gives results and accomplishes wonders?

Pyrox is a combination spray in paste form; it contains arsenate of lead, paris green, and blue stone (Bordeaux mixture). It is positively the best spray to stick to the foliage yet introduced; rains do not wash it off, and it does not burn if applied according to directions.

It may also be used in connection with Black Leaf 40, thereby controlling the soft-bodied insects, such as the aphides, the chewing insects, and the blight, all at one operation. Spray with Pyrox. Directions on each package.

Get ahead of the crows by treating seed corn with Pyrox.

Lb. 35 cts., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75, 50 lbs. \$10.75. Cannot ship by Parcel Post.

Scalecide. The latest and best spray for San José scale, cottony maple scale, and pear psylla. It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. One gallon of Scalecide to 20 gallons of water, sprayed on your trees and bushes, will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter, or early spring, while the foliage is off. Safe and easy to apply. Qt. 65 cts., gal. \$1.50, 5 gals. \$5.75.

Soluble Sulphur Compound. Powdered Lime-Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water. Lb. 30 cts., 5 lbs. \$1.25, 10 lbs. \$2, 100 lbs. \$13.

"Black Leaf 40." A concentrated solution of nicotine sulphate; an excellent spray for black aphids and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 25 cts., $\frac{1}{2}$ lb. \$1, 2 lbs. \$3, 10 lbs. \$13.75.

Formalin. (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use one pint of Formalin to 50 gallons of water and soak 10 minutes. For potatoes use 1 pint to 30 gallons and soak 2 hours. Pt. 50 cts.

Arsenate of Lead, Powdered. (The S.-W. Co. Brand.) This form of Arsenate is exclusively used. It is instantly soluble in water and a pound thereof goes almost twice as far as 2 pounds of paste Arsenate. One pound dilutes to 50 gallons of water. Lb. 60 cts., 5 lbs. \$2.25, 10 lbs. \$4.

Slug-Shot. The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable- or flower-garden. Lb. carton 20 cts., 5 lbs. 50 cts., 10 lbs. 90 cts.



"Come away! That's no place for a little bug like you! Can't you see those potatoes are sprayed with Pyrox?"

Conkey's Nox-i-cide. Dip disinfectant; lice liquid; germ destroyer. Mixes with water. Pt. 50 cts., qt. 75 cts., 2 qts. \$1.25, 4 qts. \$2.

Conkey's Fly Knocker. For keeping flies from cattle and horses. Increases the milk flow in fly-time. Spray in the morning before taking stock from barn. Qt. 75 cts., 2 qts. \$1.25, gal. \$2.

Copper Solution. Excellent spray for celery, carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Qt. \$1, gal. \$3.

Paris Green. It may be used in liquid form, 1 pound to 50 gallons of water, or with land plaster at the rate of 1 pound paris green to 100 pounds of land plaster. $\frac{1}{2}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 65 cts., 5 lbs. \$3.

Sulphur, Powdered. Lb. 10 cts., 100 lbs. \$7.

Tobacco Dust. For dusting only; excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 55c., 100 lbs. \$4.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Insects and other crawling pests cannot get over it. Lb. can 50 cts., 3-lb. can \$1.45, 10-lb. can \$4.50.

Whale- or Fish-Oil Soap. An excellent summer spray when something stronger cannot be used. $\frac{1}{2}$ lb. 15 cts., lb. 25 cts.

Weed and Ivy Killer. Used for killing weeds, ivy, grass, etc., in paths, gutters, roadsides, tennis courts, or wherever vegetation is not wanted. $\frac{1}{2}$ gal. 75 cts.

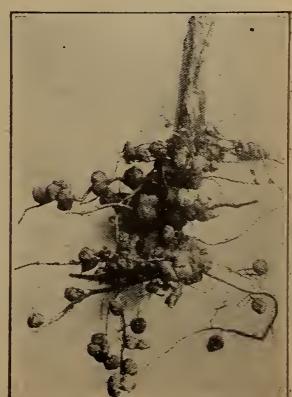
Grape Dust. Lb. 10 cts., 3 lbs. 25 cts.

Hellebore. For destroying currant worms, etc. $\frac{1}{2}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts.

Rat-Nip. Kills rats every time. They can't resist it. Tubes 15 cts. and 25 cts.

Hydrometers, for Testing Lime-Sulphur. Prof. Surface's Specifications, 85c. (postpaid \$1). Prof. Stewart's Specifications, \$1.25 (postpaid \$1.40).

Grafting Wax. $\frac{1}{2}$ lb. 20 cts.



Standard Pure Culture Inoculation

NITROGEN-GATHERING BACTERIA

This is the first reliable Legume Inoculation sold at a reasonable price, and farmers should be willing to use these pure cultures for inoculation purposes as it is a much cheaper and safer method than the transfer of soil for this purpose. Directions with each bottle. One-half acre size 60c., 1-acre size \$1, 2-acre size \$1.75. 5-acre size \$4.

Inoculated Root, showing nodules



Gould's Fruital Barrel Pump

Spray Pumps, Nozzles and Fixtures

Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

GOULD'S POMONA BARREL SPRAY PUMP. Large size. Bronze parts, agitators and 15 feet of hose, complete, \$22.

GOULD'S FRUITAL BARREL PUMP. All bronze parts; complete, with 15 feet of hose, \$15.



Gould's Pomona Barrel Spray Pump

Spray Boom Attachments

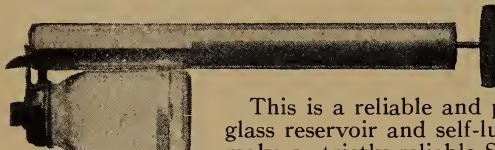
For spraying potatoes, celery, etc. Can be attached to the rear of any wagon or cart having a barrel or power pump. Sprays 3 to 6 rows at a time, adjustable horizontally or perpendicularly with 1 or more nozzles to the row.

Spray Boom A. Adjustable, 4 rows. Made so that ends can be swung up, allowing passage through gates. Equipped with 4 nozzles, \$12.

Spray Boom B. Four rows; equipped with 4 nozzles. \$9.

Spray Boom C. Three rows; equipped with 3 nozzles to each row. \$20. Order early to insure delivery at proper time. Prices subject to change.

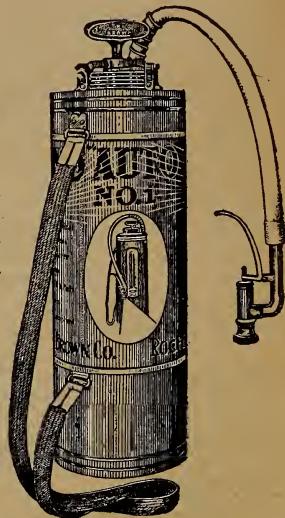
Red Head Glass Reservoir Hand Sprayer



Barrel 18 inches long, 2 inches in diameter

This is a reliable and popular Hand Sprayer, having a glass reservoir and self-lubricating plunger, qualities that make a strictly reliable Sprayer for the home-garden and poultry-yard. The things which count are the volume of air and the evenness of the pressure. Most sprayers lose their efficiency on account of the leakage of a dry plunger leather. \$1.

HAND SPRAYER. Tin reservoir, two sizes, 50 cts. and 75 cts. each.



Auto Spray, showing Auto-Pop attachment

The Auto Spray Compressed-Air Pump

Now used by all leading florists, gardeners, and fruit-growers, and almost indispensable in the poultry-house. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

No. 1-B, Brass. Equipped with hose and Auto-Pop attachment, \$11.

No. 1-C, Galvanized Iron. Equipped with hose and regular nozzle, \$7.

No. 1-D, Galvanized Iron. Equipped with hose and Auto-Pop, \$7.50.

NON-KLOG JR. SPRAY NOZZLES. Angle or straight, 75 cts.

BAMBOO EXTENSION RODS. With connections. 4-ft. \$2; 6- or 9-ft. \$4 each.

BRASS EXTENSION RODS. 3 feet long. 75 cts.

A Complete Line of other Nozzles and Connections

CYCLONE BROADCAST SEEDER. Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$2.

ACME CORN PLANTER. Works in any soil; has flexible and adjustable iron drop; does not wear the brush; has iron seed-box and iron channel; foot made of polished steel. Well made, durable, reliable; gives universal satisfaction. Prices, \$1.50 to \$2.50 each.

CANE STAKES. For staking plants of all kinds, especially good for gladioli, etc. 8 feet long; can be cut to any length. 25 cts. per doz., \$1.50 per 100.

DIBBLES. Iron Point, small, 45c.; Iron Point, large, 50c.; Brass Point, 75c.

FISHTAIL ASPARAGUS KNIFE. Well ground 10-inch blade, drop forged; enameled shank. A handy tool also for cutting out weeds on the lawn. 40 cts.

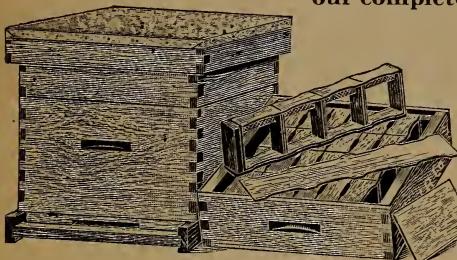
JUTE STRING. For tying up vegetable bunches, tomato plants, grape-vines, etc. Use it instead of raffia, which cannot now be had. Lb. 40 cts., 5 lbs. \$1.90.



SPRAY THE BUGS AND SAVE THE CROPS

BEE-KEEPERS' SUPPLIES

You will find on this page just a few items to remind you that we carry a complete line of the A. I. Root goods, which we consider the best in the market in point of workmanship and material used. The best is always the cheapest; our goods are sure to please. Prompt and careful attention given to all orders, whether large or small, and mistakes promptly corrected. If not already received, send at once for our complete illustrated Catalogue of Bee-keepers' Supplies.



Standard Hives for Comb Honey

The cut at the left represents a 1 1/2-story Hive for the production of comb honey in 4 1/4 x 4 1/4 x 1 1/8-inch sections.

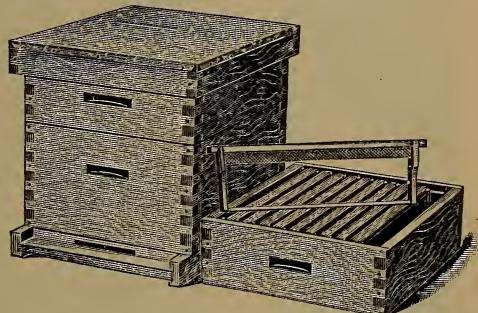
Equipped with reversible bottom, metal cover with inner cover, either one or two comb-honey supers, foundation as ordered, frames, but no division-board.

This is a very good outfit, as the honey produced in these sections weighs almost a pound to the section, this section being known as the beeway or slotted section.

1 1/2-story Comb-honey Hive as described above, One Super, with—	Quantity	8-FRAME			10-FRAME		
		Catalogue No.	Weight	Price	Catalogue No.	Weight	Price
No foundation; no sections in super.	1 NP	D15151	32	\$6 77	D25151	36	\$7 12
No foundation; no sections in super.	1 KD	D15152	32	4 61	D25152	36	4 86
No foundation; no sections in super.	5 KD	D15153	158	20 70	D25153	180	21 80
Inch starters in frames and sections.	1 NP	D15154	33	7 42	D25154	39	7 81
Full sheets in frames and sections.	1 NP	D15157	34	9 54	D25157	41	10 03

Standard Hive with Shallow Extracting Super

This is a 1 1/2-story Hive for the production of extracted or chunk honey in shallow frames. The broad chamber furnished is just the same as the comb-honey Hives. The super or upper story is but 5 1/16 inches deep, containing 5 3/8-inch shallow frames. This Hive is especially adapted to localities where the honey-flow is short and colonies of moderate strength.



1 1/2-story Extracting Hive as described above, One Super, with—	Quantity	8-FRAME			10-FRAME		
		Catalogue No.	Weight	Price	Catalogue No.	Weight	Price
No foundation.	1 NP	D15121	33	\$6 87	D25121	37	\$7 23
No foundation.	1 KD	D15122	33	4 70	D25122	37	4 95
No foundation.	5 KD	D15123	164	21 15	D25123	187	22 25
Inch foundation starters.	1 NP	D15124	33	7 15	D25124	38	7 53
Full sheets foundation.	1 NP	D15127	35	9 27	D25127	40	9 75

KD means knocked down, or in flat; NP means nailed and painted.



Section Honey Boxes

Our Honey Sections are highgrade and of fine appearance, cut from clear basswood. They are smooth and highly polished. Sold only in full crates. Size 4 1/4 x 4 1/4 x 1 1/8 in.

D35121, 100 sections in carton, \$1.20. D35122, 250 sections in carton, \$2.85. D3523, 500 sections in crate, \$5.50.



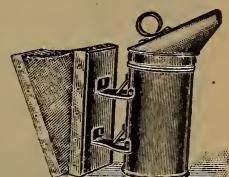
Comb Foundation

Genuine Weed Process Foundation, made into clear, tough sheets from good quality beeswax. Broad foundation is cut in sheets

7 7/8 x 16 3/4 inches. Super foundation sheets are 3 3/8 x 15 1/2 inches. Packed in one-pound paper boxes. D91111, Light-Brood Foundation, 1 lb. box, 85 cts. D91351, Thin Super Foundation, 1-lb. box, 93 cts.

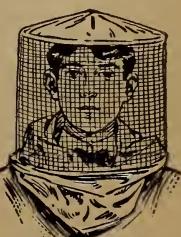
Smokers

The latest improved model has anti-spark tube, which provides a safe force draft, a long-life, flexible hinge, and wire handle that is always cool. Furnished in three sizes. D6231, Junior Tin Smoker, with 2 1/2-inch fire-box, each 80 cts. D61221, Standard Tin Smoker, with 3 1/4-inch fire-box, each, \$1.15. D61211, Jumbo Tin Smoker, with 4-inch fire-box, each \$1.50.



Alexander Bee-Veil

This is one of the most popular Veils made. Being made of screen wire, it is more durable as it will not catch or tear on any obstruction. It is worn without a hat and for this reason it is very cool in summer. The top and bottom are made of muslin. D61137, Alexander Bee-Veil, \$1.60.



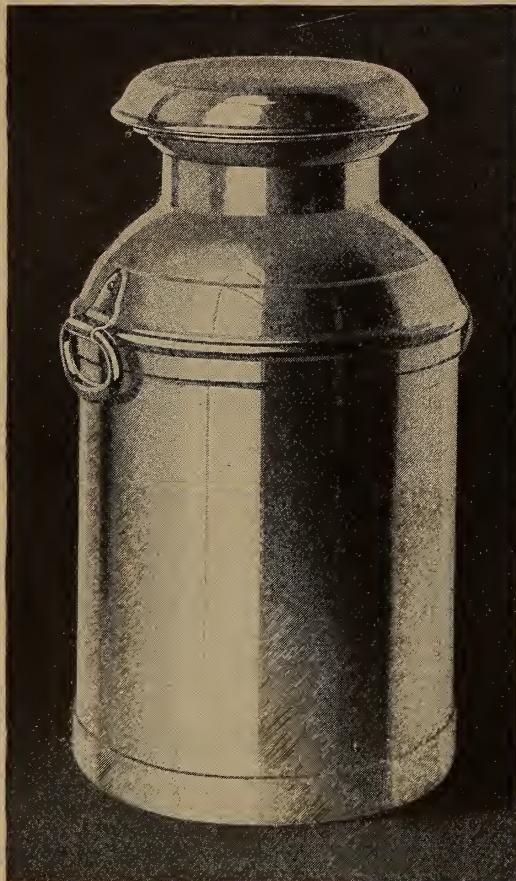
DAIRY SUPPLIES

The dairy business provides a steady and unfailing source of income and is becoming more popular. As the population in the cities increases, the demand for dairy products becomes greater. Few, indeed, are the farmers in the East who have not felt this urge, and dairy farmers are gradually supplanting the straight, grain-producing ones.

With the advent of the silos, supplying, as they do, great milk-producing material during the winter months, the milk-flow can be regulated the season round. Today, cows are the most valuable asset on the farm. A good dairy herd means prosperity to the owner and progress to the community.

It is our desire to cater to the farmer's wants, to be of service to him in supplying his needs, and, as rapidly as we can, to provide additional departments to meet the farmer's needs. We have grown, and expect to continue to grow, with our community. Realizing the need of a place where the dairy farmer can procure all the requisites necessary to the dairy business, we have met this need by adding dairy supplies. We are able to furnish all the things necessary to the dairy farmer, which we are listing for the first time in our annual seed catalogue, and we ask the interested farmer to look over our offerings.

As soon as additional warehouses, in course of erection, are completed, we will add dairy feed, making our house headquarters for farmers' needs, the most complete in this section of Pennsylvania.



New York Pattern Milk-Cans

20-qt., Umbrella Top.....	\$5 75
30-qt., Umbrella Top.....	6 50
40-qt., Umbrella Top.....	6 75

Ohio Pattern Milk-Cans

20-qt., Sunken Top.....	\$4 35
30-qt., Sunken Top.....	5 15
40-qt., Sunken Top.....	5 35

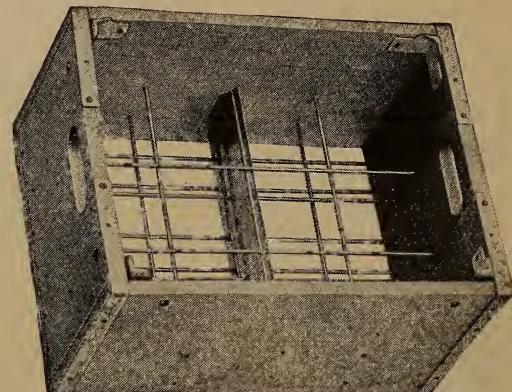
Special

20-qt., Umbrella Top.....	\$4 50
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Bottle-Caps

Tube of 500 caps.....	\$0 25
In bulk, 5,000 caps.....	2 25



Bottle-Cases

Standard wood cases, made of hard wood, with strong steel rod partitions and cast-iron pileng lugs.	Each
Quart-size.....	\$1 75
Pint-size.....	1 75

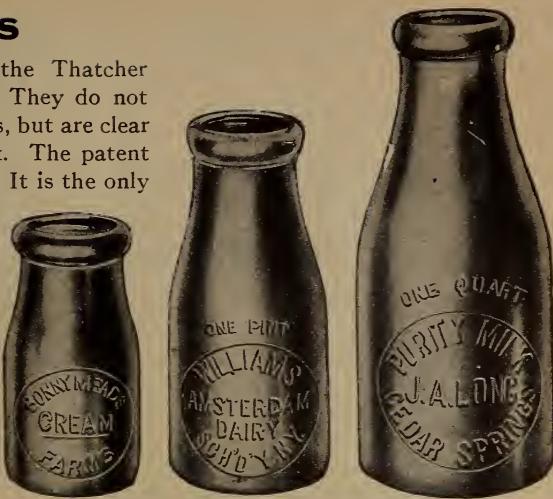
Milk Bottles

The Lockport Milk Bottles, manufactured by the Thatcher Manufacturing Co., are made of the best material. They do not have that bluish cast which is found in inferior bottles, but are clear white, showing to advantage the quality of the milk. The patent seat in the Lockport bottles is a great improvement. It is the only bottle made that will not chip off when machines are used in cleaning. Prices subject to change.

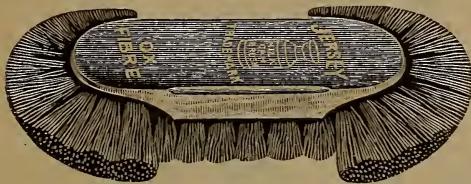
Quarts, 85 cts. per doz., \$9.50 per gross.

Pints, 75 cts. per doz., \$8.50 per gross.

We are Jobbers of the Lockport Milk Bottles. In quantities of ten-gross lots of each size, we will furnish name-plates free. A plain bottle is any body's property; a bottle with your name-plate on removes all doubt as to the owner. Prices on Milk Bottles are subject to change without notice.



Milk-Can Brushes



Jersey. Ox-fiber. 40 cts. each.

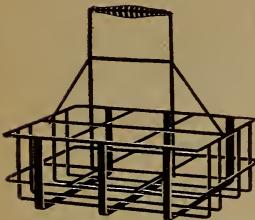


Gong. Ox-fiber. 40 cts. each.

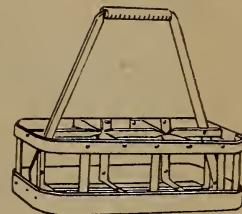
United Bottle-Carriers

Electric welded; heavy wire; extra-heavy weight. Will carry all size of bottles.

6-bottle size.....	Each	\$1 50
8-bottle size.....	I 75	



United Bottle-Carriers



Perfection Bottle-Carriers

Made of plain annealed steel bands. Will carry quarts, pints, and half-pints.

6-bottle size.....	Each	\$1 50
8-bottle size.....	I 75	

International Harvester Co. Repairs



In line with our settled policy of supplying almost everything for the farm, we carry quite a complete line of repairs for the farm implements sold by the International Harvester Co. of America.

Every farmer should know that all genuine repair parts bear the Trade Mark and are sold by International dealers only.

We take pride in this department, and it is well to remember that we have back of us this great organization and its efficient service. For our part, we have a courteous answer to every customer, real help for the one with an idea of the piece he wants (but no number), and pleasant, definite replies to all inquiries. This service is for your convenience—why not use it?

Grow Your Own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor, and money, and get bigger and better crops when you use

Planet Jr. Garden Tools

ASK FOR CATALOGUE



Planet Jr. Seeder and Wheel Hoe at work in a suburban garden

Planet Jr. Farm and Garden Tools

Planet Jr. Tools are the most carefully designed and constructed, built of the finest materials, and are the most economical because they outlast others and do better work. **Planet Jr. Catalogue, 72 pages.** Nearly 200 illustrations. Free. Send postal.

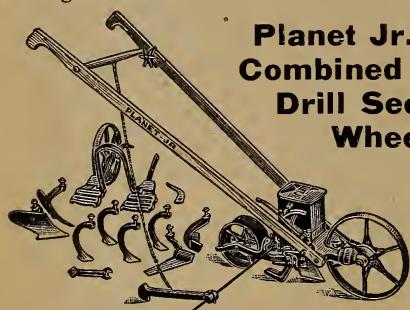


No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe

Price, complete, \$19.50
As a Seeder Only, \$15.50

Holds 2 1/2 Quarts of Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.



Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$23

Holds 2 1/2 Quarts of Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined Double- and Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day

Planet Jr. 12-Tooth Harrow and Cultivator No. 91

Complete, with Steel Wheel, \$15

An invaluable tool in truck and strawberry patches and the market-garden. Leaves ground in finest condition without throwing dirt on plants. Has new steel wheel.



Planet Jr. No. 12 Double- and Single-Wheel Hoe

Price, \$12.50

A Single and Double-Wheel Hoe in one. Straddles crops

till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved for 1920.



No. 17 Planet Jr. Single-Wheel Hoe

Price, \$8.75

The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or

boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. Indestructible steel frame. New. 15-in. steel wheel. Call and let us show you the 1920 models; they will please you.

No. 8 Planet Jr. Horse Hoe with Steel Wheel

Price, \$20



Stronger, better made, and capable of a greater variety of work than any other Cultivator made. A great favorite.

Thorough Cultivation Makes a Good Garden

BEST GRADE BERRY BASKETS

Made of Sweet Gum

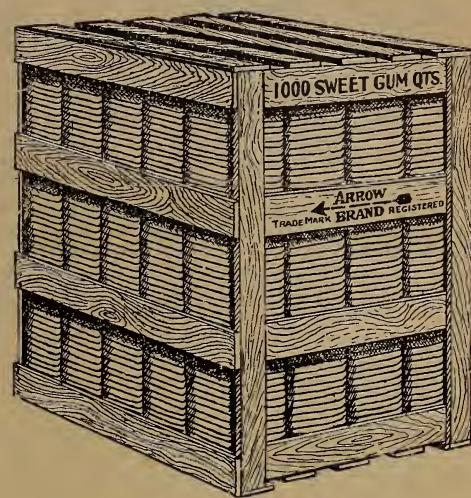
Standard quart- and pint-size Baskets for strawberries and other small fruits. Best quality. "Arrow Brand" Berry Baskets are superior to other makes. They are packed securely in crates of 1,000. Prices on request.

Peach and Tomato Baskets

14- and 16-quart size. Ask for prices.

Apple and Potato Picking Baskets

Made of white oak, very durable. $\frac{1}{2}$ -bus. size 50 cts. each.



THE CUMMER FOLDING CRATES

For potatoes, apples, etc. Strongly made, will stand hard usage. Folding up when not in use, can be stored in small space. 1-bus. size 75 cts. each.

K E G S

New white oak. 5-, 10- and 15-gallon kegs for wine and cider. Prices on application.

FARM AND GARDEN LIME

Hydrated York Lime

Soil, no matter how rich, sooner or later is benefited by an application of Lime. Where the rainfall is great, as in our section of the country, the calcium carbonate (Lime) in the soil, being soluble in water, is continually being leached out and carried away in the drain-water, and must be replaced. Lime is a neutralizer; it makes available some insoluble forms of plant-food, especially those compounds containing potassium (potash) and phosphorus, and changes into harmless forms or neutralizes the injurious effects of many compounds that interfere with the growth of plants.

Soils which show acidity (sour soils) are beneficially changed in character by an application of Lime. In addition to specific acids, soils may contain compounds that act as poisons to plants (soil toxins). Decaying vegetable matter in soils deficient in calcium carbonate produces conditions that favor the development of injurious bacteria, hence "clover sickness." Lime favors the growth of soil organisms that utilize atmospheric nitrogen independent of other plants.

Lime may be applied before seeding clover, or after plowing down a green-manure crop, and on lawns after the new seeding has become established, or on old lawns whenever weeds begin to crowd out the grass or moss accumulates. Never apply Lime directly to manure or nitrogenous fertilizers.

Hydrated Lime is slaked and pulverized and is ready to apply to the soil. It is sold in convenient-size bags (50 lbs.) for handling. Hydrated (Powdered) Lime can be applied with a Lime-Spreader. It can be more uniformly distributed than other forms of Lime. Bag (50 lbs.), delivered in the city, 75 cts. Ask for prices on ton lots.



We Are Headquarters for Pulverized Sheep Manure

"A BAG EQUALS A LOAD"

**Nature's Fertilizer, Kiln-Dried and Pulverized.
Free from Weeds—It Makes All Plants Grow**

This is probably the most extensively used of any animal manure by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development.

GET THE GENUINE SHEEP'S-HEAD BRAND—DO NOT BE FOOLED WITH ODORLESS SHEEP MANURE. IF YOU TAKE THE ODOR AWAY, YOU TAKE AWAY THE MOST VALUABLE PART—THE NITROGEN.

THE GENUINE SHEEP'S-HEAD PULVERIZED SHEEP MANURE IS A LIGHT BROWN COLOR. IT IS NOT BURNED BLACK LIKE INFERIOR GRADES. IF YOU CANNOT SMELL PULVERIZED SHEEP MANURE A MILE AWAY (FIGURATIVELY SPEAKING) IT IS NOT THE REAL ARTICLE.

It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

The advantages of Pulverized Sheep Manure in the greenhouse and market-garden have made it a standard all over the country. Its absolute purity, freedom from weeds, convenient, highly concentrated form, make it almost indispensable. For the lawn, fruit- and vegetable-garden and grain in the field there is nothing equal to it. It has all the advantages of stable manure in concentrated form, and is used direct in the hill or row at planting-time or broadcasted after plowing and harrowed in. It makes available for plant growth much dormant fertility already in the soil, and starts the young plants off strong and vigorous. It increases both quality and yield of all field crops, and is especially valuable to the market-gardener for top-dressing during the growing season.

For the Lawn. As a fertilizer for the lawn, Sheep Manure has no equal. It gives the growing grass a vigorous shove and the fertilizing elements it contains become available as the young grass requires it. Sheep Manure helps the young grass through its most critical stage and gives that velvet feel and dark green color. On an old lawn, just sprinkle it over the grass. Use 10 pounds to every 150 square feet (10 x 15 feet), 1,000 pounds to the acre.

For the Garden. Next to nitrate of soda, Pulverized Sheep Manure is the strongest and best fertilizer for forcing vegetables. It can be applied either before or after sowing the seed. Use on all growing plants. As a top dressing for beets, lettuce, cabbage, celery and tomatoes, either in the home- or market-garden, Sheep Manure is in a class by itself.

Pulverized Sheep Manure is used by all the successful market-gardeners attending the Williamsport Curb

Market. The scarcity of good stable manure has taught our gardeners the merits of Sheep Manure. Some at first were skeptical—"they were from Missouri" and had to be shown, but a few trials convinced them that they could not grow vegetables successfully without Sheep Manure. Use 10 pounds to every 150 square feet (10 x 15 feet); 500 to 1,000 pounds to the acre.

For the Farmer. Pulverized Sheep Manure has taken the place of commercial chemical fertilizers in the growing of corn, wheat and oats. No extra tools are required—any ordinary grain-drill or corn-planter, with fertilizer attachments, will sow Sheep Manure. We get wonderful reports on increased yield on the above crops when Sheep Manure is applied at the rate of 300 to 500 pounds per acre. The addition of one-half the amount of acid phosphate adds to the value of Sheep Manure and causes it to run through the drill better.

**Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$14, ton \$45.
Special prices on car lots, f. o. b. factory, on request**



This photograph shows a market gardener cultivating with the Planet Jr. Twelve-Tooth Harrow after applying Sheep Manure

OUR SPECIAL GARDEN FERTILIZER



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil

which this food is obtainable determines the development of the plant. For the garden where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer (Royster's Bully Guano). It contains the right amount and the right kind of plant-food for the growing of bumper crops of potatoes and vegetables. Containing 2% ammonia, 8% phosphoric acid and 5% potash.

Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 75 cts., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50,
ton \$60 (in 167-lb. bags)

Nitrate of Soda—The Magic Plant Grower

This is the most soluble and quickly available form of nitrogen or ammonia. It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as a top-dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand, and use it whenever they want to promote a quick, strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (1 ounce) to 2 gallons of water will stimulate a rapid growth either when applied to plants in frames, greenhouses, or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much. Lb. 15 cts., 2 lbs. 25 cts., 5 lbs. 55 cts., 10 lbs. \$1, 25 lbs. \$1.75, 100 lbs. \$5.75, 200 lbs. (original bag) \$10.50.

BONE MEAL. Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$3, 500 lbs. \$14, ton \$45.

CATTLE MANURE. (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only, \$3 each, 500 lbs. \$14, ton \$45.

LAND SALT. Used as a repellent for soil insects and by asparagus- and celery-growers. 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.50, original bag of 200 lbs. \$2.50.

PHOSPHATE AND POTASH (0-12-5). During the last few years American agriculture has suffered because of lack of potash. Certain crops have not produced maximum yields because of the absence of potassium in the commercial fertilizers. This year we are in a position to offer a 12-5 mixture of Phosphate and Potash to the growers of tobacco, potatoes, and oats. Bag (167 lbs.) \$4.25 (delivered in city \$4.50); ton, \$48.50.

(Royster's Bully Guano 2-8-5)

Agricultural science has found a way to make soils productive. Soils, to be productive, must furnish a suitable and congenial home for the plant to be grown, a home where it can develop and thrive with the least amount of resistance. Given this sort of a home, and with the aid of Nature's sunshine and rain, and the judicious use of plant-food, the growing of crops becomes a pleasure and a source of profit.

All growing plants require food. The ease with

which this food is obtainable determines the development of the plant.

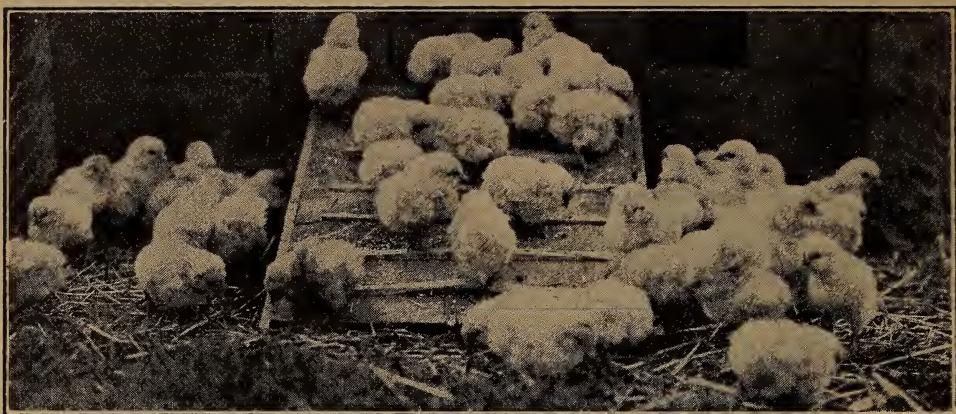
For the garden where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer (Royster's Bully Guano). It contains the right amount and the right kind of plant-food for the growing of bumper crops of potatoes and vegetables. Containing 2% ammonia, 8% phosphoric acid and 5% potash.

Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 75 cts., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50,
ton \$60 (in 167-lb. bags)

ROYSTER'S PENNSYLVANIA POTATO GUANO (2-6-3). A garden and potato fertilizer for the market and home garden containing 2 per cent ammonia, 6 per cent phosphoric acid, and 3 per cent potash, well balanced in the essential plant foods for the production of bumper crops of vegetables and potatoes. This grade of goods contains a liberal amount of potash and is a much better grade than we have been able to offer for some years. Put up in convenient-sized bags of 100 lbs. \$3.75, 50 lbs. \$2, 25 lbs. \$1.25, 10 lbs. 55 cts., 3 lbs. 25 cts., lb. 10 cts.

ACID PHOSPHATE (16 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$2, 167 lbs. (original bags) \$3 (delivered in city \$3.25); ton \$31.75.

ROYAL BLUE (1-10). A good grain-grower for oats, corn, etc., carrying 10 per cent of phosphoric acid, the plant-food that our State College and agricultural experts advise us is the deciding element needed in our soils to insure profitable crops. 100 lbs. \$2, 167 lbs. (original bags) \$3.15 (delivered in city \$3.40); ton \$36.75.



This lively bunch of little chicks is thriving on Conkey's Starting Food

BABY CHICKS

Full of Vim, Vigor and Vitality

With the advent of the mammoth incubator it is possible to get better hatched Baby Chicks than you can hatch yourself and it is more economical to buy Baby Chicks than to buy hatching eggs of equal quality and hatch them yourself.

A mammoth incubator, in charge of experts in poultry incubation, will hatch from 1,000 to 50,000 eggs at one operation. The proper heat, moisture, and ventilation is supplied to hatch strong, sturdy Chicks, Chicks that will grow and develop into veritable egg-machines.

Chicks hatched by the large hatcheries are open-range stock, with lots of vitality. The life has not been forced out of them, as is the case with poultry that has been kept penned up.

By buying Baby Chicks you are saved the trouble and annoyance of hatching.

By buying Baby Chicks you are saved the expense of keeping a rooster for breeding purposes.

By buying Baby Chicks you have the use of the eggs that you would otherwise use for hatching.

By buying Baby Chicks you can have as many as you want to keep.

By buying Baby Chicks you avoid the uncertainty of poor hatches.

Chaapel's Baby Chicks are hatched from pure-bred, open-range, utility stock. The biggest, best, and most reliable hatcheries in the East hatch Baby Chicks for our trade. Our Chicks are all from first-class pens—no seconds or culls are supplied by us. We receive Baby Chicks daily and ship by parcel post. We guarantee 95 per cent safe delivery.

The price of Baby Chicks is based upon the cost of fresh eggs, which fluctuates so much that we advise writing for prices. We supply the following varieties:

Barred Plymouth Rocks

S. C. White Leghorns

S. C. Rhode Island Reds

S. C. Brown Leghorns

White Wyandottes

S. C. Black Minorcas

White Plymouth Rocks

RAISING CHICKS MAKES MEAT AND SAVES WHEAT

Chaapel's Baby Chick Foods

**Many Thousands of Baby Chicks
Die Under Three Weeks Old**

WHY?

Because They Do Not Get the Proper Food

STOP THIS LOSS—HOW?

By feeding Chaapel's Baby Chick Foods, which contain all the necessary food nutrients for growth of skeleton, frame, feathers, and energy—food that keeps the baby chicks full of life, warmth, and vigor—food that will grow strong, healthy chicks that will lay the most eggs.

No drooping wings, no gaps, no white diarrhea, when Chaapel's Baby Chick Foods are properly fed.

Start Them Right—Grow Them Big

When chicks are thirty-six hours old, give them drinking-water and Chaapel's Little Chick Regulator Grit to cleanse out the bowels, and Conkey's Buttermilk Starting Food—feed it dry in shallow feeding-trays and leave it before them all the time for about eight weeks.

After the chicks are a few days old, scatter a little of Chaapel's Little Chick-Grains in the litter, to give them exercise—make them dig for it.

Give the chicks all the green food they will eat. Raise some lettuce, rape, etc., especially for them and keep plenty of fresh water and Regulator Grit before them all the time.

The interest in the poultry industry in all its branches is increasing by leaps and bounds, from the raising of little chicks to the matured pullets that lay the proverbial golden eggs, or the juicy broiler and roast that enters so largely into the good living of the family, or that bring a liberal profit when sold to neighbors (who neglect this most profitable employment) or in the open market.

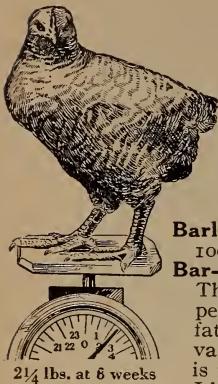
Chaapel's Regulator Grit for Little Chicks Starts Them Right

Contains heneta, cracked bone, dried milk, mica spar, and other ingredients in combination necessary for the proper grinding and mastication of food, at the same time keeping the crop sweet, the bowels open and free. It furnishes body-building materials and has a feeding value besides combining teeth and tonic. A most valuable product. **Keep it before them all the time in a grit hopper or scattered in the litter.**

Directions For Feeding

After the chicks are thirty-six hours old, give them a feed of Chaapel's Regulator Grit and plenty of fresh water—this acts as a bowel cleanser and starts the chicks off properly. Many thousands of baby chicks die under three weeks old because they do not get the proper food and attention at this, the most critical period. Stop this loss. Feed Chaapel's Regulator Grit and Conkey's Buttermilk Starting Food. Feed it for about eight weeks. After the chicks are a week old, scatter Chaapel's Chick Grains in the litter—it makes them exercise—strong and healthy chicks result. Make them dig for it. Chaapel's Regulator Grit is made in two sizes—for chicks and poultry. Lb. 6 cts., 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1.20, 50 lbs. \$2.40, 100 lbs. \$4.75.

Poultry, Animal, and Bird-Foods, Etc.



Our line of poultry foods includes everything necessary to the successful rearing of poultry—feed for the little chick, the growing fowl and the laying hen.

We aim to handle only "the best" and to give our customers, "value received for every dollar expended." Back of these feeds is our own reputation and that of the responsible concerns who manufacture or assemble them.

PRICES SUBJECT TO CHANGE. IF WANTED BY PARCEL POST ALLOW FOR POSTAGE

Alfalfa Meal. For mixing in mashes and green feed. Lb. 6 cts., 5 lbs. 25c., 100 lbs. \$3.75.

Barley. For feeding. Lb. 5 cts., 100 lbs. \$4.

Bar-Nun (Blatchford's Laying Mash). This Mash will keep your birds in perfect health and does not force or fatten. Actually gives higher food-value and in character and texture is far superior to any other Mash. Lb. 5c., 50 lbs. \$2.40, 100 lbs. \$4.75.

Buttermilk Starting-Food (Conkey's). Lb. 15 cts., 2 1/2 lbs. 30 cts., 5 lbs. 50 cts., 10 lbs. \$1, 25 lbs. \$2.20, 50 lbs. \$4.15, 100 lbs. \$7.75. (See special Conkey pages.)

Buttermilk Laying Mash (Conkey's). 5 lbs. 25c., 50 lbs. \$2.40, 100 lbs. \$4.75. (See special Conkey pages.)

B. & G. Starting and Developing Mash. 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.90, 100 lbs. \$3.75.

Bone, Fine and Coarse Cracked. Lb. 5 cts., 25 lbs. \$1.

Bone Meal. For mashes. Lb. 6 cts., 25 lbs. \$1.25.

Buckwheat. For feeding. Lb. 5 cts., 100 lbs. \$4.50.

Bran. Lb. 4 cts., 25 lbs. 80 cts., 50 lbs. \$1.60, 100 lbs. \$3.

Bird Seed, Canary or Mixed Seeds. Lb. 30 cts.

Bird Bitters. A health tonic for birds. 25 cts.

Bird Rape. For cage birds. Lb. 20 cts.

Bird Manna. For cage birds. Lb. 15 cts.

Bird Gravel. For cage birds. Two sizes, 10c. and 15c.

Calf Meal (Blatchford's). 25 lbs. \$2, 50 lbs. \$3.60, 100 lbs. \$7. (See special description page.)

Canada Field Peas. For pigeons. Lb. 10c., 100 lbs. \$8.

Charcoal, Granulated, Fine and Coarse. Lb. 10 cts., 5 lbs. 35 cts., 25 lbs. \$1.25, 50 lbs. \$2.

Climax Scratch Grain (Eaton's). Made from pure grains only. Not a pound of waste to the ton. Balanced to produce eggs; properly sized and mixed. Lb. 5 1/2 cts., 5 lbs. 25 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$2.40, 100 lbs. \$4.75.

Chic-Grain (Chaaepel's). Contains no grit to make weight, and not too much corn. It is made from pure, wholesome, screened, and cracked grains only. It is the highest grade of Chick Grain ever made, and worth all it costs. Feed in combination with Conkey's Buttermilk Starting Food and Chaaepel's Regulator Grit. Lb. 10 cts., 2 1/2 lbs. 25 cts., 5 lbs. 45 cts., 25 lbs. \$2.20, 50 lbs. \$4.10, 100 lbs. \$8.

Chick Grain (Eaton's Life Saver). Pure grains only. Made from pinhead oatmeal, cracked white and yellow corn, cracked wheat, cracked peas, Kaffir corn, Milo maize, millet, etc. Lb. 8 cts., 5 lbs. 35 cts., 25 lbs. \$1.50, 50 lbs. \$2.85, 100 lbs. \$5.50.

Chick Grain (Conkey's). Lb. 8 cts., 5 lbs. 35 cts., 25 lbs. \$1.50, 50 lbs. \$2.85, 100 lbs. \$5.50.

Chick Manna. An old, reliable chick-starter. Lb. 15 cts., 3 lbs. 45 cts., 5 lbs. 70 cts.

Chick Meal (Spratt's No. 5). For chicks and show-birds. Lb. 15 cts.

Chick Food (Pratt's). 2 1/2 lbs. 30 cts., 5 3/4 lbs. 60 cts.

Cut Clover. Excellent for mashes or as litter for little chicks. Lb. 6 cts., 5 lbs. 25 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.50.

Chic-Chuck. A specially prepared fish-scrap. Lb. 6 cts., 100 lbs. \$5.50.

Corn, Shelled. Lb. 5 cts., pk. (14 lbs.) 70 cts., 1/2 bus. (28 lbs.) \$1.15, bus. (56 lbs.) \$2.25.

Corn, Cracked. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.20, 50 lbs. \$2.30, 100 lbs. \$4.50.

Canary Seed. For cage birds. Lb. 30 cts.

Cuttle-Bone. For canaries. Each, 10 cts.

Dog-Cakes. Old Grist Mill Brand. Box 15 cts.

Fish Flakes. Box 10 cts. **Fish Wafers.** Box 15 cts.

Growing Ration (Eaton's). Composed of practically the same ingredients as Life Saver Little Chick Food, but is made coarser to meet the requirements of growing chicks until ready for the regular scratching feed. Lb. 8 cts., 5 lbs. 35 cts., 25 lbs. \$1.50, 50 lbs. \$2.85, 100 lbs. \$5.50.

Growing Grain (Conkey's). Mixed grains for growing chicks. Lb. 8 cts., 5 lbs. 35 cts., 25 lbs. \$1.50, 50 lbs. \$2.85, 100 lbs. \$5.50.

Hog-Bon. A special feed for pigs. Lb. 5c., 100 lbs. \$3.50.

Hemp Seed. For pigeons and cage-birds. Lb. 10 cts.

Hulled Oats. A splendid feed for chicks. Lb. 10 cts., 5 lbs. 45 cts.

Life-Saver Eaton's Chick Grain. Lb. 8 cts., 5 lbs. 35 cts., 25 lbs. \$1.50, 50 lbs. \$2.85, 100 lbs. \$5.50.

Linseed Meal (Old Process). For mixing in mashes and feeding to aid molting. Lb. 6 cts., 100 lbs. \$5.

Meat Scrap. Best quality. 50 to 55 per cent protein. Lb. 6 cts., 10 lbs. 65 cts., 100 lbs. \$5.75.

Middlings. Lb. 5 cts., 25 lbs. 95 cts., 50 lbs. \$1.80, 100 lbs. \$3.50.

Mash, Perfection Laying (Eaton's). No other Mash compares with Perfection—it is in a class by itself. Sold by us for years on its merits. Feed it dry and you will be more than pleased. Feed for eggs and get them. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$2.30, 100 lbs. \$4.50.

Mash, Bar-Nun Laying (Blatchford's). Lb. 5 cts., 10 lbs. 50c., 25 lbs. \$1.25, 50 lbs. \$2.40, 100 lbs. \$4.75.

Mash, Buttermilk Laying (Conkey's). Contains dry buttermilk, a valuable feed for egg-production. Lb. 6 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$2.40, 100 lbs. \$4.75.

Mash, B. & G. Developing. For young chicks. Lb. 8 cts., 10 lbs. 75 cts., 25 lbs. \$1.50, 100 lbs. \$5.75.

Mash, Milk (Blatchford's). A milk substitute for little chicks and growing fowls. Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 75 cts., 25 lbs. \$1.80, 50 lbs. \$3.50, 100 lbs. \$6.75.

Oyster Shells. Furnishes lime to make egg-shells. 5 lbs. 10 cts., 100 lbs. \$1.40.

Oil-Meal. A special tonic feed for stock. Lb. 15 cts.

Oatmeal (Pinhead). An excellent feed for chicks after they are a few days old. Lb. 8 cts., 5 lbs. 35 cts.

Pigeon-Feed (Eaton's). Lb. 6 cts., 25 lbs. \$1.35, 50 lbs. \$2.60, 100 lbs. \$5.10.

Pigeon Health Grit. Lb. 3 cts., 100 lbs. \$2.

Pig-Meal (Blatchford's). See page 45. 25 lbs. \$2, 50 lbs. \$3.60, 100 lbs. \$7.

Perfection Laying Mash (Eaton's). (See special description above.) Lb. 5c., 50 lbs. \$2.30, 100 lbs. \$4.50.

Puppy Cakes. Old Grist Mill Brand. Box 15 cts.

Parrot Seed. For parrots. Box 15 cts.

Polly Crackers. For parrots. Box 8 cts.

Regulator Grit. A combination Grit necessary for little chicks and laying fowls. Lb. 6 cts., 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1.20, 50 lbs. \$2.40, 100 lbs. \$4.75.

Rabbit Meal (Blatchford's). For does and young rabbits. Lb. 10 cts., 10 lbs. 90 cts.

Rock Salt. For stock. Lb. 2 cts., 100 lbs. \$1.50.

Stone Grit. Necessary teeth for poultry. 5 lbs. 10 cts., 100 lbs. \$1.40.

Sunflower Seed. For parrots and mixing in scratch-grains. Lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1.

Scratch-Grains, Climax (Eaton's). Lb. 5 1/2 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$2.40, 100 lbs. \$4.75.

Scratch Grains, Conkey's. Lb. 5 1/2 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$2.40, 100 lbs. \$4.75.

Salvet. A tonic for all kinds of stock. 5 lbs. 65 cts., 15 lbs. \$1.50, 40 lbs. \$3, 100 lbs. \$6.75.

Tankage. A high protein feed for hogs. Lb. 7 cts., 50 lbs. \$3.10, 100 lbs. \$6. (Prices subject to change.)

BLATCHFORD'S CALF MEAL

The Complete Milk-Equal



Sold in 25-, 50- and 100-lb. bags.

Just the thing to raise or veal your calves right from birth.

Then sell your milk and get the benefit of the high creamery prices.

No more scouring calves!

It is absolutely the only milk substitute containing all the elements necessary for rapid and healthy growth, and the only calf meal that is thoroughly cooked and prepared for digestion. Being the original and best, it will push your calves forward better and quicker than any other food.

100 pounds make 100 gallons of Complete Milk Substitute

25 lbs. \$2, 50 lbs. \$3.60, 100 lbs. \$7, subject to change

FROM SOW TO PASTURE



Sold in
25-, 50- and
100-lb. bags.

Wean your little
pigs easily, safely
and cheaply on

Blatchford's Pig Meal

From Pig-hood to Pork-age it gives big bone and solid flesh. Prevents loss of growth and vitality during the critical weaning period, and always makes the runts catch up.

25 lbs. \$2, 50 lbs. \$3.60, 100 lbs. \$7
Prices subject to change

Successfully weaned!



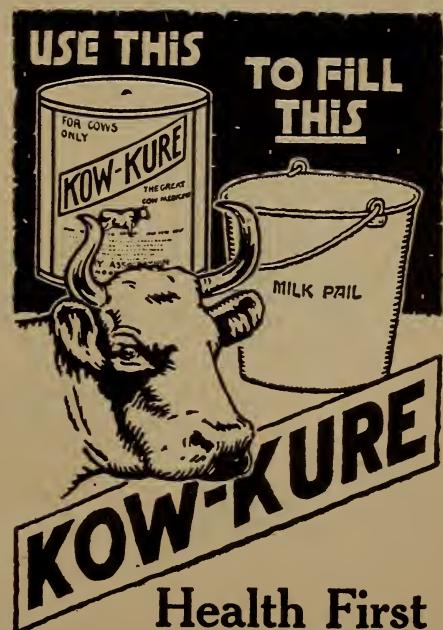
Not a runt in the litter.

KOW-KURE

If a cow is well—if her organs of production are doing their duty—she will yield well. Time was when the cow that became sluggish and seemed to be going backward was promptly sold to the butcher.

Thousands of cow owners have found that in most cases proper treatment will save them the difference between the price of a beef cow and a vigorous milch cow.

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kure—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite. Send for Booklet. Price, 60 cts. and \$1.20.



Conkey's Poultry Remedies and Insecticides

Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Nox-i-cide, should not be underestimated. This line is complete.



Conkey's Poultry Book free

Conkey's Roup Remedy	30 cts. and 60 cts.
Conkey's Cholera Remedy	30 cts. and 60 cts.
Conkey's White Diarrhea Remedy, 30 cts. and 60 cts.	
Conkey's Gape Remedy	60 cts.
Conkey's Head Lice Ointment	15 cts. and 30 cts.
Conkey's Poultry Tonic	30 cts. and 60 cts.
Conkey's Laying Tonic	30 cts. and 60 cts.
Conkey's Poultry Laxative	30 cts.
Conkey's Lice Powder	3 sizes, 15c., 30c. and 60c.

Conkey's Bronchitis Remedy	60 cts.
Conkey's Chicken Pox Remedy	60 cts.
Conkey's Limber Neck Remedy	60 cts.
Conkey's Rheumatic Remedy	60 cts.
Conkey's Black Head Remedy	60 cts.
Conkey's Poultry Worm Remedy	60 cts.
Conkey's Scaly Leg Remedy	60 cts.
Conkey's Stock Remedies	30 cts. and 60 cts.
Conkey's "Nox-i-cide" . Pt. 50c., qt. 75c., 2-qts. \$1.25	

Pratts

Poultry Regulator

Poultry Remedies

Satisfaction guaranteed or money back.



Healthy birds and lots of eggs, the two big things in poultry raising, are made certain by giving

Pratts Poultry Regulator

12-lb. pail, \$1.75; 25-lb. pail, \$3;
packages, 30 cts. and 60 cts.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting them into condition for heavy egg laying or winning blue ribbons.

Pratts Baby Chick Food

A scientifically prepared food that gives baby chicks the strongest kind of start. It's life insurance for baby chicks. Pkgs. 30 and 60 cts.



Pratts Poultry Remedies

Carried in stock.



Don Sung Makes Hens Lay

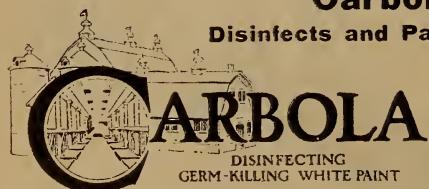
How to tell a hen from a rooster—feed them Don Sung and if they do not lay, they are roosters. Don Sung is Chinese for "egg-laying;" it puts pep into the flock; makes them healthy and vigorous; makes hens lay; gets the eggs in any weather. It is easily given in the feed and doesn't force or hurt the hen in any way. Don Sung is a real tonic. Try it—if it doesn't pay for itself and pay you a good profit besides, your money will be promptly refunded. Trial size (30 tablets), 50 cts; large size (90 tablets), \$1.

Avicol (Tablets)

For the cure of white diarrhea, roup, colds, etc. Leaflet, "How to Raise Baby Chicks," on request. Two sizes of packages, 25 cts. and 50 cts.

Carbola, The Disinfecting White Paint

Disinfects and Paints at the Same Time, Saving Labor, Money and Time



used instead of whitewash, and buildings can be painted and disinfected at one operation, thus cutting labor costs in half. Price: Trial pkg. 25 cts., 10-lb. pkg. \$1, 50-lb. bag \$4.50.

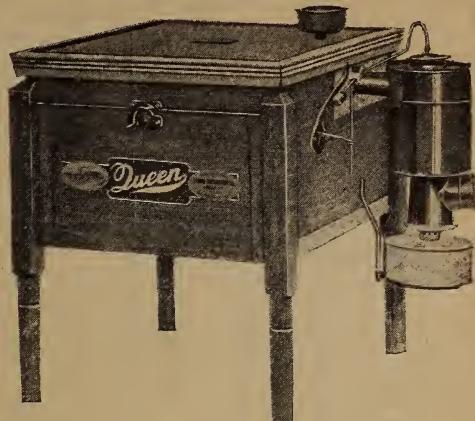
Carbola is two things in one—a paint and a disinfectant. It is not a whitewash or a kalsomine. It is a finely powdered mineral pigment, the same as used by many paint-makers, combined with a germicide twenty times stronger than pure carbolic acid. Carbola costs so little—less than 10 cents a gallon—it can be

INCUBATORS AND BROODERS

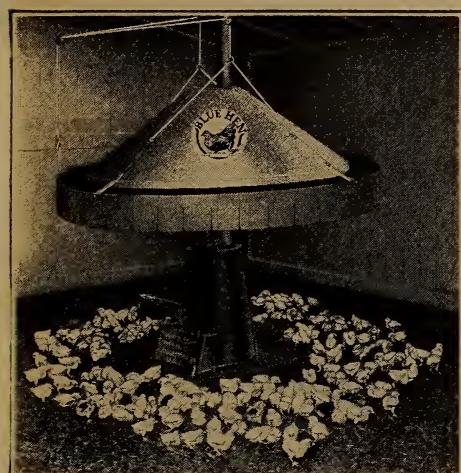
Queen Hot-Water Incubators

Stop Hatching Weak Chicks With a Cheap Incubator

A Queen costs no more than other good incubators and the extra chicks that will live and grow will more than pay the difference between the Queen and a cheaper machine. It is not a matter of price but of how many chicks you raise from those you hatch that counts; chicks that hatch out strong and healthy are the chicks that will live and take away the disappointments of poor hatches and sickly chicks, which die after a day or so. If you want chicks of strength and vitality, use a Queen. No. 20, Style K, 70-egg capacity, \$16.50; No. 22, Style K, 220-egg capacity, \$36.



Queen Hot-Water Incubator



A Contented Blue Hen Family of 925 Chicks

The Famous Blue Hen Brooder

Mothers like an old hen. It is designed right, built right, easy to handle and burns coal in a powerful cast-iron heater, with a self-feed. It cannot get too hot—a thermostat regulates the drafts. It has a curtain that allows fresh air without drafts. No. 43, 500-chick size, \$19; No. 44, 1,000-chick size, \$23.50.

Place your chicks under a brooder with a temperature from 95 to 100 degrees. REMEMBER for the first ten days heat to the BABY CHICKS is as necessary as FOOD.

The Reliable Blue-Flame, Wickless, Oil-heated Colony Hover

Broods Like a Coal-Burner

Wickless burner; burns coal oil (kerosene) with a steady blue flame. There is no smoke, no odor, and it is absolutely noiseless in operation. The Blue Flame Wickless Burner burns coal oil, has a steady blue flame, is easy and economical to operate and simple in construction. It has visible oil-feed, no wick to trim, furnishes an abundance of heat, with no oil-fumes and no coal-smoke or gas. The flow of oil is regulated automatically.

75-chick size. 18-in. diam.....	\$7 50
250-chick size. 30-in. diam.....	16 50
500-chick size. 42-in. diam.....	18 50

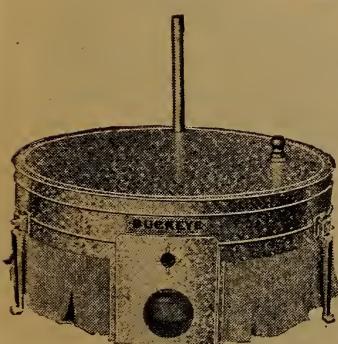


The Reliable Hovering Seventy-five Chicks Comfortably

"Buckeye" Portable Brooder

They Hover at the Curtain

That's why the chicks never crowd. The reflected radiation from the lamp, together with the direct radiation from the canopy overhead, produces those same ideal conditions that we find in the "Standard" coal burner. The chicks hover in circles—around the outside edges—and each individual chick selects the spot that is best suited to his comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and consequently there is no inclination to "crowd" or "pile."

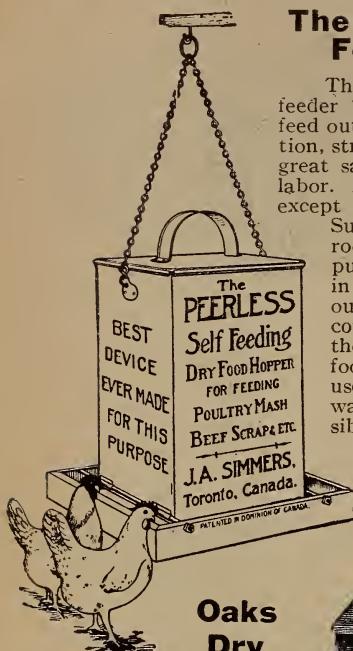


Buckeye Portable Brooder

60-chick size	\$10 50
100-chick size	13 00
150-chick size	17 00

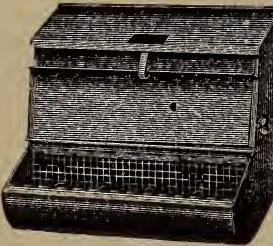
Poultry Requisites Bring Success

The Peerless Dry Food Hopper



Oaks Dry Mash Hopper

Does not clog, being wider at the bottom than at the top and having a wire screen that prevents clogging. It is made of heavy galvanized material and will last a lifetime. Chick size, \$1.50; poultry size, \$2.

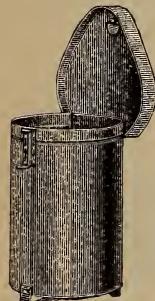


Oaks Dry Mash Hopper

Drop Bottom Wall Fountains

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition. 2-qt. size, 75 cts.; 1-gal., \$1.25; 5-gal., \$2.

Wall Fountains. Chick size, 35 cts.; 2-qt., 75 cts.; gal., \$1; 2 gals., \$1.25.



Drop Bottom Fountain



Automatic Chick Fountain

Automatic Fountain

An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. The pan on this fountain is hinged to wire that supports the jar. We do not furnish jars. Price, 15 cts.

Grit and Shell Box

Chick size, 75 cts.; poultry size, \$1.25.



Pettey's Poultry Punch

25 cts.

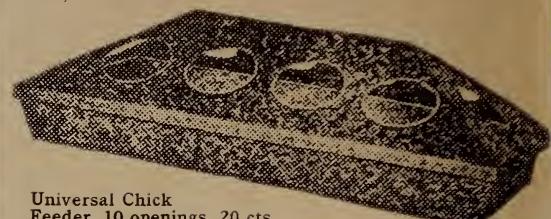
Grit and Shell Box

This device is new, a self-feeder with an unobstructed feed outlet; simple in construction, strong and serviceable. A great saver of feed, time and labor. It requires no attention except refilling when empty. Suspend the Hopper from roof of pen, using cord and pulley, or hook, as shown in cut; always high enough from floor of pen to compel the birds to exert themselves to reach the food. By this method of use it occupies no floor or wall space, and is inaccessible to rats or mice.

Has cone in center which insures continuous movement of feed. 8-qt. size, \$1.50, 16-qt. size, \$2.

Universal Chick Feeders

Most reliable. Will not upset or waste food. Easy to clean; will not rust.



Universal Chick Feeder, 10 openings, 20 cts.

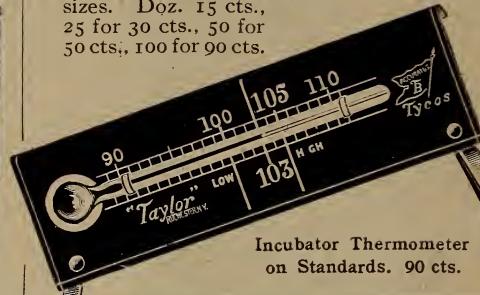


Universal Chick Feeder, 20 openings, 40 cts.

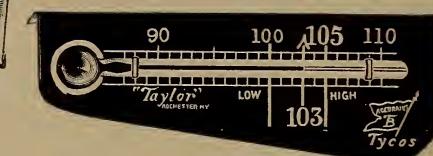
Parcel-Post Egg Mailing-Boxes. 12-egg size, 15 cts.; 24-egg size, 20 cts.; 48-egg size, 30 cts.; 72-egg size, 35 cts.

Shipping Boxes for Chicks. 25-chick size, 30 cts.; 50-chick size, 45 cts.; 100-chick size, 55 cts.

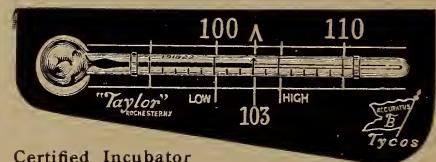
Celluloid Spiral Leg Bands. Come in all colors and sizes. Doz. 15 cts., 25 for 30 cts., 50 for 50 cts., 100 for 90 cts.



Incubator Thermometer on Standards. 90 cts.



Incubator Thermometer without Standards. 75 cts.



Certified Incubator Thermometer. \$1



Tyco Hygrometer. \$1.50



Conkey's
Buttermilk
STARTING FOOD



MAKES HUSKY CHICKS

*Conkey's, the Original Buttermilk
Starting Feed*
Feed it Eight Weeks



WHAT IT IS

Conkey's Buttermilk Starting Feed is a perfectly balanced ration for baby chicks to be fed over the critical first eight weeks. It contains clean, wholesome grain and is mixed with pure, sweet buttermilk.

CAUTION—DON'T BE MISLED BY INFERIOR BUTTERMILK FEEDS

Conkey's is the original buttermilk feed, and although the first price may be higher than inferior articles, the subsequent results make it the cheapest food on the market. Buttermilk is the intestinal cleanser and as we employ it, its full value is maintained, which means that it is very strong in lactic acid, thus counteracting foreign bacteria in the intestines which cause so much White Diarrhea in chicks and loss of life.

While buttermilk is such an important item in our Feed, the word "buttermilk" might cover up inferior grains in any Feed. We use nothing but clean wholesome grains—not by-products nor sweepings.



WHAT IT DOES

READ WHAT THE DOCTOR WRITES

Milwaukee, Route 1, Ore.

Routledge Seed & Floral Co.

Gentlemen: Having spent considerable time, study, care and money to get the lines of heredity we wished for our "Reds," it was most disappointing to find we were unable to develop the chicks into ideal specimens of the breed; finally we observed that heredity only counts as fifty per cent in the production of a bird and environment the other fifty. To us the principal feature of environment is feed, which must be easily digested and nutritious, causing a rapid, vigorous growth; AFTER YEARS OF EXPERIMENTING with foods, we find CONKEY'S BUTTERMILK STARTING FEED IS THE BEST for the FIRST MOUTHFUL; in fact, we never take our birds entirely off this feed.

Mr. Routledge being the first person to call our attention to Conkey's Buttermilk Mash, is entitled to sincerest thanks for our phenomenal success this year, as WE HAVE NOT LOST A CHICK THROUGH SICKNESS and our show winnings (the largest of any Pacific Coast breeder) were mainly due to condition.

Sincerely yours,

NLS-RA

DR. N. L. SMITH,

Breeder S. C. Rhode Island Reds.

**WRITE OR ASK
FOR PRICES**



Follow with CONKEY'S BUTTERMILK GROWING MASH

Conkey's Poultry Tonic



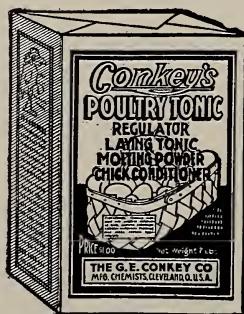
GOOD FOR ALL YOUR BIRDS EVERY DAY IN THE YEAR.

Healthy Hens Bring Poultry Profits

IN trying to get profits or some satisfaction from your poultry efforts, bear in mind that you are urging your birds beyond the limits that Nature originally had in mind. Your aim is to produce heavy layers or larger birds for market, and your efforts in this direction are putting a severe tax on the digestive systems of your flock. They need your help in supplying them with a good Tonic and you cannot give too much thought to the selection of that tonic. It must contain elements that aid digestion, tone up the bird and help keep it in good condition, but it must not contain any ingredients that will have an over-stimulating, injurious effect on the sensitive organs. It must build, but it must not force.



Conkey's Poultry Tonic



Contains no cayenne pepper. It is a laying tonic, molting powder and regulator of a high type and is prepared with the same care that has made the efficiency of Conkey Poultry Remedies world famous. A little in the feed of breeding birds in early spring means vitality and strength in the hatching eggs.

It helps growing stock get more value out of their feed and keeps them hardy and thrifty through their growing and feathering period. It builds up the tired organs and run-down systems of molting birds after heavy laying, puts them through the molt quickly, and starts them laying again with the least possible loss of time. Hens in the molt need every attention you can give them. Bear that in mind. For laying, put a little Poultry Tonic in the dry mash or the wet feed every day. It helps hens earn their board, especially when egg prices are soaring and every egg means money.

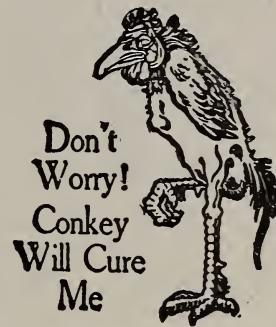
You can give Conkey's Poultry Tonic to every bird in your flock every day in the year. It will pay you well to help your birds.

IN PAILS

12 lbs.....	\$1.60	50 lbs.....	\$5.00	1½ lbs.....	\$.30
25 lbs.....	3.00	1.00 lbs.....	9.50	3¼ lbs.....	.60

IN BAGS

IN PACKAGES



Have a Conkey Corner in Your Poultry House

Healthy Poultry Pays

Only vigorous healthy birds can produce profits. If disease enters your flock, act quickly with reliable remedies. Better still, prevent disease before it starts. We recommend Conkey's Poultry Remedies because they are absolutely dependable. Conkey's must satisfy you or we'll refund your money quick. Send 4c stamp for valuable book on making poultry pay. Chock full of valuable poultry facts.

CONKEY'S ROUP REMEDY.—Roup is perhaps the most common contagious disease of the poultry yard. Once started, it is likely to affect most of your birds. It is a disease that is easily detected through its peculiar, disagreeable symptoms. As soon as cold, damp weather starts, colds appear and these are likely to develop into roup, with fatal results.

Keep the disease out. Put a measureful of Conkey's Roup Remedy in the drinking water and the birds will drink and doctor themselves, the remedy thus going to the affected part of the system, while those birds not affected will be strengthening their systems so as to withstand the germs of roup.

Conkey's Roup Remedy is an effective aid for preventing roup as well as a good means for saving fowls already affected. Always have a package on hand, especially during cold, rainy weather. Package 30c, 60c, \$1.20, 5 lb. can \$7.25.

CONKEY'S LICE FIX.—An ointment for fighting body lice that is going to be one of the most used in the whole Conkey line. It's no trouble at all to use it. No dust, no bother. Easily and quickly applied to grown birds. An application once a month keeps birds free from lice. Once used, you'll never be without it. 30c, 60c.

CONKEY'S LICE POWDER.—Your hens can't do their best if body lice are constantly tormenting them. Energy that should go toward egg laying is spent in fighting these pests. Lice infested birds are not profit makers and a good poultryman will not have lice-ridden fowls. Dust every hen every ten days with Conkey's Lice Powder and you will keep them free from vitality sucking lice. Packages 15c, 30c, 60c. Pails—12 lbs. \$1.60; 25 lbs. \$3.00.

CONKEY'S HEAD LICE OINTMENT.—For the murderous head lice that kill thousands of little chicks every year. Head lice are big fellows that bore right through the chick's skull. A dab of Conkey's Head Lice Ointment gets them quick. 15c, 30c.

CONKEY'S LICE LIQUID.—A very strong, effective insecticide, prepared especially for bloodsucking mites. Mix with water and spray over every part of the poultry house. 1-qt. 60c, 2-qts. 90c, 1-gal. \$1.50, 5-gal. \$7.00.

CONKEY'S ROUP PILLS.—Are intended for the individual treatment of roupy birds and have been known to put birds that were almost gone, back on their feet. The pills are highly recommended for show room use. Packages 30c, 60c.





CONKEY'S CANKER SPECIAL.—Here is a remedy for a poultry affection that is a source of considerable trouble, once it starts. Conkey's Canker Special is excellent for the treatment of cankerous growths and helps to get the bird back to normal in a short time. The Canker Special is highly recommended for colds, too. Bottle, 60c.

CONKEY'S CHOLERA REMEDY—in the drinking water quickly reaches the trouble. Cools the inflamed membranes and has a caustic effect on diarrhetic conditions. Invaluable for treating so-called Cholera, Indigestion, Bowel Troubles, Diarrhea and all kindred troubles. Packages 30c, 60c.

CONKEY'S WHITE DIARRHEA REMEDY.—Will help save your chicks from this fatal, contagious chick disease. Once started, white diarrhea often sweeps away the whole hatch. Conkey's prevents its spread and saves affected chicks. Treat promptly. 30c, 60c.

CONKEY'S GAPE REMEDY.—Gape worms will choke chicks to death. Conkey's Gape Remedy helps rid the chick of these parasites, without hurting the chick. Don't kill the chick with a wire, feather or horse-hair worm extactor. Use Conkey's Gape Remedy. Packages 30c, 60c.

CONKEY'S SOREHEAD REMEDY.—For treating Sorehead, Pigeon Pox, Warts, Plan and the dangerous, contagious Chickenpox. 30c, 60c.

CONKEY'S POULTRY WORM REMEDY.—Rids the birds of many troublesome worms, thus promoting the return to a healthy condition. Give it to the fowls in their feed. Packages 30c, 60c.

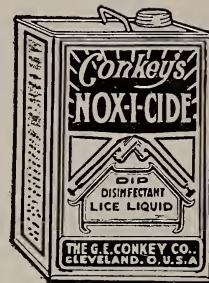
CONKEY'S BLACKHEAD REMEDY.—Breeders of turkeys should always have a package ready for instant use, for dread Blackhead is very hard to cure in an advanced stage. When treated early, the disease is relieved by this very effective remedy. Blackhead comes in late summer and fall. Conkey's is guaranteed. Package 60c.

CONKEY'S NOX-I-CIDE.—The germicide, dip and disinfectant with a hundred uses about the home, poultry yard and on the farm. Germs cause and spread most poultry diseases. Nox-i-cide mixes with water and makes a cheap, effective, ready-to-use germ destroyer. Cleans and purifies coops, houses, runs, brooders, founts and utensils. A reliable disinfectant for barns and out-houses. Unequalled for household use or for the sick room. 1-pt. 50c, 1-qt. 75c, 2-qts. \$1.25, 1-gal. \$2.00, 5-gal. \$9.50, 10-gal. \$18.50.

STOCK TONIC—A wonderful Tonic for all livestock.

FLY KNOCKER—A spray for cattle and stables to keep annoying flies away.

COW SPECIAL—A remarkable conditioner for dairy cows.



THE ABOVE PRICES SHOULD PREVAIL. CONTINUED RISING MARKETS, HOWEVER, MAKE IT IMPOSSIBLE TO GUARANTEE THEM.

CONKEY'S Buttermilk Laying Mash

This article is prepared especially as an all year round Mash, for Laying purposes, and is especially good as a developer to follow Conkey's Buttermilk Growing Mash.

We cannot recommend it too highly. There has been a real need for an honest Mash, something which is free from mill ends and offal, and that will take the young pullet and carry it thru to successful maturity.

WHAT IT IS

Corn Meal, Corn Feed Meal, Bean Meal, Entire Ground Barley, Wheat Bran, Wheat Middlings, Oil Meal, Meat Meal, Bone Meal, and Buttermilk.

HOW IT ANALYZES

Protein	18%
Fat	4%
Fibre	6%

Note the small Fibre percentage

THE TWO BANTAM CORNS

GOLDEN BANTAM

THE EARLIEST AND SWEETEST YELLOW-GRAINED VARIETY

The most valuable Corn is shown in the colored picture on this page. While the ear shown is an extra-large, selected specimen, it is such a big "little" Corn that we can hardly find words to describe its true value. Golden in color it is, sweet too, and extremely early, and most surpassingly delicious in flavor.

Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the sweetest and best variety of Corn we know of.

Having once tasted the flavor of Golden Bantam Corn, to the connoisseur the taste of other varieties becomes commonplace. We find our customers that are acquainted with Golden Bantam and desire quality and not quantity, gladly pay a premium from two to five cents per dozen ears above that asked for the largest-eared white varieties.

Prices: Pkt. 10 cts., 1/2pt. 20 cts., pt. 35 cts., qt. 65 cts.,
4 qts. \$2.25, pk. \$4, bus. \$15

BANTAM EVERGREEN

THE GREATEST SWEET CORN
EVER INTRODUCED

Bantam Evergreen is a late introduction of the Golden Sweet Corns—a cross between Golden Bantam and Stowell's Evergreen, and now running nearly true to type; equal to both parents in rich sweetness and tender quality. The cob is just the right size for eating.

People who regard Golden Bantam as "a wee bit too small" and Stowell's Evergreen as "a bit too large" find in Bantam Evergreen the long-sought-for Sweet Corn of the right size, golden color, and superior quality.

The kernels are plump, nearly as broad as Golden Bantam, and not quite so deep as Stowell's Evergreen, cream-colored, tender, sweet, and delicious.

Bantam Evergreen is just the corn desired by critics and is sure to win for itself "a place in the sun" upon its own merits.

Prices: Pkt. 10 cts., 1/2pt. 20 cts., pt. 35 cts., qt. 65 cts.,
4 qts. \$2.25, pk. \$4. (If wanted by parcel post add postage to
above prices, 10 cts. for each quart.)

CHAAPEL'S RELIABLE SEEDS

Are carried in bulk—loose and put up in Beautiful Lithographed Packets for retailing at Reasonable Prices. No Commission or Store Seeds sold. They are always

OUR OWN BULK SEEDS



Golden Bantam Corn

Chaapel's Seed Store

39 EAST THIRD ST., WILLIAMSPORT, PA.



CHAAPEL'S TESTED FARM SEEDS
AND SEED POTATOES